#### MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2018

NAME: AESPR-02 CITY: STATE:

ELEV: 276 ft LAT: 17° 36' 00" N LONG: 66° 48' 00" W

#### TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR	
1	77.2	83.6	1:30p	73.5	12:00m	0.0	12.2	0.00	6.1	23.0	1:30p	SSW	
2	77.7	86.2	1:30p	72.6	7:00a	0.0	12.7	0.00	6.8	25.0	5:30p	SSW	
3	77.7	86.8	2:00p	72.2	2:00a	0.0	12.7	0.00	4.3	25.0	4:00p	SSW	
4	77.1	84.3	2:30p	72.8	3:00a	0.0	12.1	0.00	5.8	25.0	11:30a	SSW	
5	78.9	85.3	12:00p	72.6	1:00a	0.0	13.9	0.00	8.1	24.0	11:00a	SSW	
6	78.9	86.3	2:00p	74.0	11:00p	0.0	13.9	0.00	6.5	26.0	1:00p	SSW	
7	78.8	87.7	1:30p	73.8	6:30a	0.0	13.8	0.00	5.5	26.0	2:00p	SSW	- dealar on
8	77.7	84.9	11:30a	72.0	2:30a	0.0	12.7	0.16		27.0	11:00a	SSW	na discharge
9	77.6	84.8	1:00p	73.2	4:30a	0.0	12.6	0.04	6.2	32.0	1:00p	SSW	
10	77.6	84.0	11:30a	74.6	3:30a	0.0	12.6	0.05	7.6	36.0	2:00p	SSW	
11	77.4	85.7	12:30p	72.3	8:30a	0.0	12.4	0.06	7.4	32.0	1:00p	SSW	. 15
12	76.1	84.9	1:00p	70.7	2:00a	0.0	11.1	0.19		30.0	12:00p	SSW	
13	78.1	86.5	2:30p	73.4	7:00a	0.0	13.1	0.00	6.8	30.0	10:30a	SSW	4:00 pm
14	76.8	86.5	1:00p	72.9	12:00m	0.0	11.8	0.02	5.5	28.0	1:30p	SSW	001
15	77.9	87.0	12:00p	72.5	6:30a	0.0	12.9	0.00	4.5	24.0	3:00p	SSW	901
16	77.6	85.2	12:30p	72.5	2:30a	0.0	12.6	0.01	2.7	23.0	12:30p	SSW	
17	77.6	86.9	2:00p	73.0	5:30a	0.0	12.6	0.01	2.4	24.0	11:30a	SSW	
18	77.2	84.0	11:30a	70.2	8:00a	0.0	12.2	0.10	3.3 5.1	27.0 31.0	12:00p 1:00p	SSW SSW	
19	78.0	86.9	2:00p	72.9	6:30a	0.0	13.0 12.3	0.00	3.4	29.0	8:00p	SSW	
20	77.3	88.4	1:30p	71.8	5:30a	0.0	10.3	0.18		32.0	11:00a	SSW	na discharge
21 22	75.3 77.3	83.7 85.0	1:30p 1:00p	71.2	12:30a 12:00m	0.0	12.3	0.00	3.6	26.0	11:30a	SSW	9
23	77.4	85.1	2:30p	72.5	4:30a	0.0	12.4	0.00	3.0	26.0	2:00p	SSW	
24	77.2	86.1	1:00p	71.5	6:00a	0.0	12.2	0.00	2.9	24.0	12:00p	SSW	
25	77.0	85.8	1:00p	71.5	6:30a	0.0	12.0	0.00	3.1	25.0	1:30p	SSW	30
26	77.3	85.5	1:00p	71.3	7:00a	0.0	12.3	0.00	2.3	25.0	2:30p	SSW	185-000
27	77.1	83.3	2:30p	71.6	6:00a	0.0	12.1	0.00	2.3	21.0	3:00p	SSW	· · · · · · · ·
28	74.9	82.3	11:30a	69.5	12:00m	0.0	9.9	0.25		22.0	12:00p	SSW	001
	77.4	88.4	20	69.5	28	0.0	346.7	1.11	4.7	36.0	10	SSW	.185:30 001 discharge

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 0.25 ON 02/28/18

Days of Rain: 10 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

NAME: AESPR-02 CITY: STATE:

ELEV: 276 ft LAT: 17° 36' 00" N LONG: 66° 48' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	76.3 76.6 76.5 74.5 77.3 76.9 76.8 78.8 79.7 79.9 80.2 80.0	85.3 82.8 83.7 86.0 85.6 85.0 84.4 84.9 85.9 86.0 85.2	11:30a 12:00p 2:30p 11:00a 2:30p 10:00a 11:30a 1:30p 2:00p 2:00p 2:00p	68.9 69.7 69.1 67.5 71.2 72.7 70.7 73.6 75.2 75.4 76.3 76.1	5:00a 5:30a 6:30a 5:00a 4:30a 10:00p 5:00a 7:00a 5:00a 4:30a 6:30a 4:00a		11.3 11.6 11.5 9.5 12.3 11.9 11.8 13.8 14.7 14.9 15.2	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.9 1.0 0.5 0.0 0.1 2.3 3.5 1.8 1.9 5.4 7.6 6.6	23.0 19.0 16.0 10.0 11.0 26.0 27.0 21.0 20.0 26.0 25.0	1:00p 11:00a 1:00p 9:00a 11:00a 1:30p 2:00p 11:00a 10:00a 11:30a 9:30a 11:00a	SSW SSW WNW NNE NW SSW SSW SSW SSW SSW SSW
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			No		ichar							018.
	77.8	86.0	4	67.5	4	0.0	153.2	0.01	2.7	27.0	7	SSW

Max >= 90.0: 0Max <= 32.0: 0

Min <= 32.0: 0

Min  $\leq$  0.0: 0

Max Rain: 0.01 ON 03/01/18

Days of Rain: 0 (>.01 in) 0 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

## MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2018

NAME: AESPR-02 CITY: STATE:

ELEV: 276 ft LAT: 17° 36' 00" N LONG: 66° 48' 00" W

#### TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN TEMP	HIGH	TIME	LOW	TIME	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR	
1	78.9	86.7	2:00p	74.8	12:00m	0.0	13.9	0.00	7.9	26.0	4:00p	SSW	
2	77.3	84.7	11:30a	72.3	7:00a	0.0	12.3	0.00	5.7	21.0	3:00p	SSW	
3	78.8	84.7	11:30a	72.6	2:30a	0.0	13.8	0.00	4.6	18.0	12:00m	SSW	
4	79.6	85.3	12:30p	74.2	6:30a	0.0	14.6	0.00	4.8	18.0	11:30a	SSW	
5	78.8	86.4	11:00a	72.2	6:30a	0.0	13.8	0.00	5.1	24.0	1:30p	SSW	
6	79.0	85.4	12:00p	72.9	11:30p	0.0	14.0	0.00	7.1	24.0	11:00a	SSW SSW	1:00. 1 14
7	78.3	84.7	2:00p	71.0	2:00a	0.0	13.3	0.41		26.0 31.0	12:00p 8:00a	SSW	1:00 AM
8	78.9	84.5	3:30p	75.0	7:00a	0.0	13.9	0.14	7.5 6.9	24.0	12:00p	SSW	
9	77.4	85.2	2:00p	71.6	4:30a 3:00a	0.0	12.4 13.3	0.10	6.1	25.0	10:30a	SSW	
10 11	78.3 78.2	84.8 84.6	3:00p 1:30p	74.4	1:30a	0.0	13.3	0.09	9.2	37.0	10:30a	SSW	
12	78.8	84.8	12:00p	75.2	7:00a	0.0	13.8	0.05	8.0	31.0	10:30a	SSW	
13	78.2	85.7	1:30p	72.7	4:00a	0.0	13.2	0.51	6.3	29.0	4:00a	SSW	
14	78.4	83.7	10:30a	74.5	6:30a	0.0	13.4	0.09	6.5	26.0	12:30p	SSW	
15	78.7	85.9	1:00p	74.0	7:00a	0.0	13.7	0.00	6.4	22.0	3:30p	SSW	
16	79.1	86.8	11:30a	74.8	1:00a	0.0	14.1	0.04	7.6	25.0	2:30p	SSW	
17	78.6	85.8	11:30a	74.2	6:30a	0.0	13.6	0.00	6.5	24.0	3:30p	SSW	
18	78.4	84.8	1:00p	72.9	5:00a	0.0	13.4	0.00	4.5	22.0	2:30p	SSW	
19	78.7	85.6	1:30p	72.9	4:00a	0.0	13.6	0.00	5.5	23.0	4:30p	SSW	
20	78.6	85.0	12:30p	74.4	6:30a	0.0	13.6	0.00	7.1	24.0	1:30p	SSW	
21	78.7	84.9	11:30a	74.4	6:30a	0.0	13.7	0.00	7.8	24.0	10:30a	SSW	
22	78.6	85.3	12:00p	73.9	7:30a	0.0	13.6	0.04	8.2	25.0	2:00p	SSW	
23	78.2	85.8	11:30a	71.9	4:30a	0.0	13.2	0.03	5.8	26.0	12:30p	SSW	
24	78.7	85.1	11:30a	74.1	7:00a	0.0	13.7	0.00	7.0	25.0	2:00p	SSW	
25	77.9	83.4	2:30p	73.5	5:00a	0.0	12.9	0.08	5.4	22.0	3:00p	SSW	
26	77.9	87.1	12:30p	70.5	7:00a	0.0	12.9	0.01	5.4	25.0	2:30p	SSW	
27	77.9	86.2	1:00p	74.2	6:30a	0.0	12.9	0.03	9.4	28.0	2:00p	SSW	
28	76.7	85.5	2:00p	73.0	5:00a	0.0	11.7	0.15		28.0	10:30a	SSW	No dischard
29	76.2	84.4	12:30p	70.3	4:30a	0.0	11.2	0.08	9.8	26.0	4:00a	SSW	No gracyonsh
30	77.5	85.2	1:30p	73.3	12:30a	0.0	12.5	0.00	7.5	22.0	2:00p		
31	77.0	85.4	12:00p	71.0	9:30p	0.0	12.0	0.00	5.2	26.0	2:30p	SSW	
	78.3	87.1	26	70.3	29	0.0	411.2	2.24	6.8	37.0	11	SSW	

Max >= 90.0: 0

 $Max \le 32.0: 0$  $Min \le 32.0: 0$ 

Min  $\leq$  0.0: 0

Max Rain: 0.51 ON 01/13/18

Days of Rain: 15 (>.01 in) 6 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

## MSGP 2017 Annual Report

## A. Summary of past year 2017 Routine Inspections

Four quarterly routine facility inspections were conducted and documented by the Storm Water Environmental Coordinator on past year 2017. The first inspection was completed on March 14, 2017. Plant storm water control measures were observed to be in good condition and operating effectively. Sediment tracking from the south public dirty road into the plant entrance has been observed and potentially affecting the storm water quality of outfall 002 drainage area. An evaluation of outfall 002 storm water system was initiated to evaluate the potential reduction of benchmark parameters concentrations measured at the mentioned discharge point.

The second inspection was performed on May 30, 2017. Replacement of storm water protection inlet filter bags and storm water channel cleaning activities were documented in this inspection report. A storm water diversion berm was installed on April 2017 and documented as part of the corrective actions completed during this quarter. Most of the plant's BMP were observed and documented to be in good operating conditions.

On the third inspection completed on August 11, 2017 several storm water control maintenance activities and corrective actions were identified and documented. The Agremax stockpile 10 feet buffer zone affected by previous heavy rain was repaired and placed in good condition. Also, the storm water concrete channel around the Agremax storage area was cleaned. Another corrective action observed during this third quarter inspection includes; replacement of drain guard inlet filters installed on grating at gate #3 and gravel installation activities at different areas. An EPA MSGP compliance inspection was performed on July 21, 2017. Corrective actions identified in this compliance inspection were completed and are summarized in this report.

The fourth routine inspection was conducted on November 13, 2017. One of the main objective of this inspection was to evaluate the effects of hurricane Maria on storm water structural control measures around plant. Hurricane Maria impacted the island of Puerto Rico as a major hurricane on September 2017. Several plant areas were affected by this hurricane, but most of plant structural control measures are made of reinforced concrete and resisted the heavy winds and rain produced. However, few control measures were identified to be affected by the atmospheric system, including the silt fence around coal pile storage area and the storm water automatic samplers. All other control measures were observed to be in good condition and operating effectively.

## B. Summary of past year 2017 Visual Assessment

Quarterly visual assessments were performed from the three sampling points (001, 002, 003) identified in the facility. Four storm water visual assessments were completed from sampling point #001 located at the dock area. Results from these inspections showed no evidence of presence of solids or any other material in the discharged water at this point. Four visual assessments were performed on storm water samples obtained from sampling point #002. On the first quarter sample, visual assessment showed a cloudy color in the storm water discharge. As explained above, tracking of sediments from the south public dirty road was identified to be affecting storm water quality at sampling point 002 drainage area. From these assessments, corrective actions were coordinated immediately and completed in an adequate time frame. Evaluated parameters from visual assessment at point 002 completed on the third and fourth quarter showed that BMP have been working effectively and no indications of pollutants were observed. No indications of the presence of pollutants were observed from the four visual assessments performed during past year 2017 at sampling point #003.

## C. Summary of past year 2017 Corrective Actions

Corrective actions were completed during past year 2017 on the first, third and fourth quarter. No needed corrective actions were identified on the second quarter. Impact of hurricane Maria generates a delay on corrective action activities for the fourth quarter. As mentioned, this includes replacement of the silt fence around the coal pile area and fixing the storm water automatic samplers.

The following is a summary of the corrective actions completed and documented from past year 2017.

#### First Quarter:

- 1. Grating protection filter bags installed close to gate #3 were replaced and included as a plant stock item.
- 2. Diversion of storm water from the heavy truck entrance road was completed.

#### **Third Quarter:**

- 1. A diversion berm extension was installed at gate #3 truck entrance.
- 2. Vegetative material was removed from the storm water retention pond.
- 3. New silt fence was installed at the north side of the coal pile storage area.
- 4. Three additional water sprinklers on the Agremax pile were installed and placed in service.
- 5. Gravel material was installed at the cooling tower perimeter.

Since no incidents of noncompliance occurred during past year 2017 and all corrective actions were completed in an adequate time frame, it is concluded that AES Puerto Rico follows all terms and requirements of the MSGP 2015 permit.

## **MSGP 2016 Annual Report**

## A. Summary of past year 2016 Routine Inspections

Four quarterly routine facility inspections were performed by the Storm Water Environmental Coordinator on past year 2016. Minor findings were identified on the first routine inspection completed on February 22, 2016. An open area west of the cooling towers and other uncovered areas that should be covered with gravel were identified and reported to provide corrective actions. During this inspection it was identified that the storm water sampling equipment required technical corrections. Troubleshooting and technical support was requested to an external company in order to ensure proper functioning of the sampling equipment. Most of the plant's BMP were observed and documented to be in good operating conditions during this first inspection. The second inspection was performed on May 26, 2016. In this inspection a water leakage from a joint segment of the ash wetting pipe located inside secondary containment was observed and reported to the maintenance department. A work notification was generated in order to perform the pipe reparation immediately. Corrective actions were verified and documented during this inspection. The rip rap located at Gate #3 was restored with new stone and a new liner was installed on the improved area. On the third inspection completed on August 25, 2016 several corrective actions were identified and documented. The oil drums storage area was cleaned and organized. Also, used oil and other oil drums were properly removed by a certified company for recycling. Another corrective action observed during this third quarter inspection includes cleaning and replacement of some of the drain guards inlet filters installed on grating at gate #3. The storm water sampling equipment were also tested and programed for proper functioning. The fourth routine inspection was performed on November 15, 2016 in the morning period. From this inspection it was checked that a damage segment of the super silt fence was replaced. This corrective action was coordinated and completed in an adequate time frame. All other plant BMP were observed to be working properly and no other changes or modifications were reported.

## B. Summary of past year 2016 Visual Assessment

Quarterly visual assessments were performed from the three sampling points (001, 002, 003) identified in the facility. Three storm water visual assessments were completed from sampling point #001 located at the dock area. Results from all visual inspections completed from this point showed no evidence of presence of solids or any other material in the discharged water. Four visual assessments were performed on storm water samples obtained from sampling point #002. On the first two quarter samples, visual assessment indicated the presence of settled and suspended solids in the discharged storm water. An uncovered area with erosion potential was identified at sampling point 002 drainage area. From these assessments, corrective actions were coordinated immediately and completed in an adequate time frame. Evaluated parameters from visual assessment at point 002 completed on the third and fourth quarter showed that BMP have been working effectively and no indications of pollutants were observed. No indications of the presence of pollutants were observed from the four visual assessment performed during past year 2016 at sampling point #003.

## C. Summary of past year 2016 Corrective Actions

The following is a summary of the corrective actions completed and documented on past year 2016.

#### First Quarter:

- 1. A concrete berm was installed in order to segregate the sludge containment area.
- 2. The sagging pier pipe was repaired.
- 3. Road between the coal pile and mechanical shop was refilled with aggregate stone.
- 4. Rip rap located south of the AGREMAX pile was repaired and improve to control soil erosion.
- 5. Traffic road located south of the AGREMAX storage pile and the swale located at the east side of plant was covered with aggregate.

#### **Second Quarter:**

- 1. The rip rap located at the south side of the facility (Gate #3) was cleaned and improved.
- 2. Wheel washer and limestone dome exit road was improved with asphalt.
- 3. The automatic sampler "sunkeeper" and water sensor cable were replaced.

#### Third Quarter:

- 1. Cooling tower plastic media stored in a non-industrial activity area was removed in order to discourage unauthorized industrial activities in that area.
- 2. The mobile sweeper's tire was replaced on the same date that the condition was identified.
- 3. A section of the coal storage area located at the west of the limestone dome was organized and cleaned.
- 4. An inlet protection filter was installed on the storm water inlet located close to the 100-year channel.
- 5. A segment of the super silt fence used to protect the coal pile runoff collection channel was replaced.

#### Fourth Quarter:

- 1. A water leakage from the cooling tower circulating piping system used for power unit two was identified. The water has been recirculated back into the cooling tower basin using two submersible pumps and no process water was discharged.
- 2. Felt filter bags were installed in all storm water inlets at the dock area. Filtration felt is a low cost disposable media with particle retention from 1 to 200 microns. It has depth filtration qualities and high solids loading capacity.

Since no incidents of noncompliance occurred during past year 2016 and all corrective actions were performed in an adequate time frame, it was concluded that AES Puerto Rico is in compliance with all terms and requirements of the MSGP 2015 permit.

# **Attendance Sheet**

Activity: EPA SWEEP Inspection Closing Meeting

Date/Time: 7/17/18 11:15am



THE CONTRACTOR	. 70 2.20	
Presented by/Team:	\ ~ \	Duorto Pica
Imparted to/Team:	129861	Puerto Rico
impuriou to/ realin	n'LX	,
olan	mild Company	
Name Y		Signature
Eitel Figuror	WING AFS BR	
Hector M Anh sould		600
Hector M. Auch sen	AES PR	
Elles Sostu Operahous!	10 A2S	
Carlos Conzalez CCPLE	ner AFS-P.R	Later
Ratal ( ) in land Mo	war AFS	1000
Parlas Consales CCPLE Potael Quintana, Ma José A. Rivera	M.O. I.C.	
Jose A. Rivera	EYA	4
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Carlos Hegni	tengary	Collin So
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#### Other Team members:

- 1. Henrick Roman Shared Services Supervisor
- 2. Carlos Alequin Maintenance Team Leader
- Marco Aresti Operations Team Leader

The Team will be responsible for the development and implementation of this Plan. Other key responsibilities are:

- 1. Implementing all MSGP and SWPPP requirements.
- 2. Defining and agreeing upon an appropriate set of goals for the facility's storm water management program.
- 3. Periodically update the SWPPP, whenever there is a change in the process design, construction, operation or maintenance of equipment and physical plant, which may have an effect on the potential for the discharge of pollutants to the environment.

Worksheet No.1

# POLLUTION PREVENTION TEAM MEMBERS

Date: March 2017

Leader: Hector Avila	Title: Environmental Coordinator
	Office Phone: <u>787-866-8117 ext. 2266</u>
Responsible for all environmental aspects of this p	nd Spill Prevention Control and Countermeasures Plan Administrator, lan. Coordinate the development and implementation of this plan. lecessary records and reports. Ensure the facilities Structural and Non implemented.
Members:	
(1) Pedro E. Labayen	Title: Storm Water Compliance Coordinator
	Office Phone: _787-866-8117 ext. 2215
coordinating applicable environmental training to the (iv) assisting employees and/or contractors with the structural BMP's (v) conducting comprehensive site imade to address compliance violations or to make in	mendment, and certification of the SWPPP; (ii) providing and/or Facility's personnel; (iii) conducting quarterly and routine inspections; installation, maintenance and improvements of non-structural and inspections; (vi) determining if appropriate actions have been timely improvements to BMP's; (vii) coordinating the pick-up and analysis of this Order; and (ix) preparing and submitting Reports to EPA.
(2) Ramiro Rivera	Title: Maintenance Manager Office Phone: _787-866-8117 ext. 2208
Responsibilities: Ensure the implementation and development	opment of this plan.
(3) Elias Sostre	Title: Operations Manager
	Office Phone:787-866-8117 ext. 2257
Responsibilities: Ensure the facilities operations "Best	Management Practices" are followed.
(4) <u>Arnaldo Pomales</u>	Title: <u>Material Handling Team Leader</u> Office Phone: <u>787-866-8117 ext. 2240</u>
Responsibilities: Ensure the facilities "Best Manageme limestone and ash are followed.	ent Practices" related to the receiving, storage and processing of coal,
(5) <u>Carlos Gonzalez</u>	Title: Coal Combustion Products Team Leader
	Office Phone:787-866-8117_ext. 2239
Responsibilities: Ensure the facilities "Dust Control Pla	an" and "Best Management Practices" related to the management,
processing and storage of coal combustion products ar	re followed.

## Rivera, Jose

From:

Hector Avila <hector.avila@aes.com>

Sent:

Friday, April 13, 2018 7:29 PM

To:

Rivera, Jose

Subject:

Fwd: Weekly Stockpile Inspections Solicitud EPA 4-13-18

**Attachments:** 

Weekly Stockpile Inspection.pdf; ATT00001.htm

FYI

Sent from my iPhone

Begin forwarded message:

From: "Pedro Labayen" < pedro.labayen@aes.com >

To: "Hector Avila" < hector.avila@aes.com>

Subject: Weekly Stockpile Inspections Solicitud EPA 4-13-18

#### Rivera, Jose

From:

Hector Avila <hector.avila@aes.com>

Sent:

Tuesday, April 10, 2018 5:08 PM

To:

Rivera, Jose

Subject:

RE: AES - Update

**Attachments:** 

2018\_03\_Carta de Status EPA MSGP Rev2.docx

Hi Jose:

Attached you will find our update.

Fill free to contact me if you have any question.

Regards;

Hector

From: Rivera, Jose [mailto:Rivera.Jose@epa.gov]

**Sent:** Tuesday, April 10, 2018 4:18 PM **To:** Hector Avila <a href="mailto:hector.avila@aes.com">hector.avila@aes.com</a>

Subject: FW: AES - Update

Buenas tardes Héctor,

Would you please let me know if AES sent the update to EPA. I have not received.

Regrds,

#### José A. Rivera, BSCE | Team Leader

Clean Water Act Team Multimedia Permits and Compliance Branch

Direct Dial: (787) 977-5842 Main: (787) 977-5865 e-mail: <u>rivera.jose@epa.gov</u>

US EPA Region 2 | Caribbean Environmental Protection Division City View Plaza II | Suite 7000 48 RD. 165, Km. 1.2 Guaynabo, Puerto Rico 00968-8069

EPA Office Hours: 9:00 am to 5:30 pm (Tuesday to Friday) Alternate Work Location: 9:00 am to 5:30 pm (Every Monday)

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From: Rivera, Jose

Sent: Thursday, March 15, 2018 10:38 AM

To: 'Hector Avila' < hector.avila@aes.com>

Subject: RE: AES - Update

Thanks Héctor. I look forward to receiving the update.

Have a nice day!

### José A. Rivera, BSCE | Lead Environmental Engineer

Clean Water Act Team

Multimedia Permits and Compliance Branch

Direct Dial: (787) 977-5842 e-mail: rivera.jose@epa.gov

US EPA Region 2 | Caribbean Environmental Protection Division City View Plaza II | Suite 7000

48 RD. 165, Km. 1.2

Guaynabo, Puerto Rico 00968-8069

Day Off: Every Monday

EPA Office Hours: 6:30 am to 5:00 pm (Tuesday to Friday)

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From: Hector Avila [mailto:hector.avila@aes.com]

Sent: Wednesday, March 14, 2018 9:59 PM To: Rivera, Jose < Rivera. Jose@epa.gov >

Subject: Re: AES - Update

Hi Jose:

Sorry for the delay. Hopefully we will send you an update by Friday.

Regards;

Hector

Sent from my iPhone

On Mar 14, 2018, at 8:45 PM, Rivera, Jose < Rivera. Jose@epa.gov > wrote:

Hola,

Thanks for out brief conversation at the AIDIS conference. Would you please let me know when I'll be receiving the update.

Gracias

José A. Rivera, BSCE | Lead Environmental Engineer Clean Water Act Team Multimedia Permits and Compliance Branch

Direct Dial: (787) 977-5842

e-mail: rivera.jose@epa.gov

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#### Rivera, Jose

From:

Hector Avila <hector.avila@aes.com>

Sent:

Friday, April 13, 2018 7:22 PM

To:

Rivera, Jose

Subject:

Fwd: Routine Inspections Solicitud EPA 4-13-2018

**Attachments:** 

2017\_Q-1\_Routine Inspection.pdf; ATT00001.htm; 2017\_Q-2\_Routine Inspection.pdf; ATT00002.htm; 2017\_Q-3\_Routine Inspection.pdf; ATT00003.htm; 2017\_Q-4\_Routine Inspection.pdf; ATT00004.htm; 2018\_Q-1\_Routine Inspection.pdf; ATT00005.htm

Saludos Jose:

En los próximos email te estaré enviando los documentos solicitados.

Tuvimos un poco de dificultad con el scanner por lo que no pude enviarlo antes.

Mis disculpas;

Hector

Sent from my iPhone

Begin forwarded message:

From: "Pedro Labayen" < pedro.labayen@aes.com>

To: "Hector Avila" < hector.avila@aes.com>

**Subject: Routine Inspections Solicitud EPA 4-13-2018** 



Storm Water Industrial Ro	utine Facility Inspec	ction Form	Worksheet No. 4				
	General I	nformation					
Facility Name	AES Puerto Rico, LP						
NPDES Tracking No. PRR053093							
Date of Inspection	May 14, 2018	Start/End Time	9:30 am / 11:30 pm				
Inspector's Name(s)	Inspector's Name(s) Pedro E. Labayen						
Inspector's Title(s)	Inspector's Title(s) Stormwater Compliance Coordinator						
Inspector's Contact Information (787) 866-8117 ext. 2215							
Inspector's Qualifications	Inspector's Qualifications Professional Engineer						
	Weather I	nformation					
90 CONTROL OF THE PROPERTY OF	7						
Have any previously unidentified discharges of pollutants occurred since the last inspection?  \( \textstyle \text{Yes} \) \( \textstyle \text{No} \) If yes, describe:  \( \textstyle \text{No} \)  Are there any discharges occurring at the time of inspection?  \( \textstyle \text{Yes} \) \( \textstyle \text{No} \) If yes, describe:							

#### **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)						
	Run-on Control (Northeast Area)									
01	Earth berm	✓Yes □No	☐ Maintenance☐ Repair☐ Replacement							
02	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement							
03	Rip rap	Yes □No	☐ Maintenance ☐ Repair ☐ Replacement							
04	Concrete swale	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	e e e e e e e e e e e e e e e e e e e						
05	Run-on inlet grate	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement							
06	Polymer secondary containment	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement							

Description		Structural Control	Control Measure is Operating	If No, In Need of Maintenance, Repair, or	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)					
Diesel tank secondary containment	ID.	Measure	Effectively?	Replacement?						
Original tank secondary containment			Firew	ater Pump Station A	Area					
		Diesel tank secondary		1						
Replacement   Replacement	07		<b>☑</b> Yes <b>□</b> No							
08		Contaminent								
Replacement     Replacement										
Concrete channel	08	Oil / Water Separator	✓Yes ⊔No							
Concrete channel				<u> </u>						
Open										
Concrete swale next to switch yard	00			Comment of the second s						
Low wall	09	Concrete channel	MYes UNO							
Low wall										
Concrete swale next to switch yard	10	Low well	Myos DNo							
Concrete swale next to switch yard	10	Low wall	E i es ano							
Concrete swale next to switch yard										
Replacement   Replacement	11	A CONTRACTOR OF THE CONTRACTOR	₩Yes □No	TO THE REAL PROPERTY OF THE PR						
Liquid Urea Storage Area     Maintenance     Maintenance   Repair     Replacement     Maintenance     Repair     Replacement     Maintenance     Repair     Replacement     Maintenance     Replacement     Maintenance   Repair     Replacement     Maintenance     Replacement       Maintenance     Replacement	11	switch yard								
Low wall			Lia		rea					
Replacement										
Maintenance   Repair   Replacement   Maintenance   Repair   Replacement   Maintenance   Repair   Replacement   Maintenance   Repair   Replacement   Replac	12	Low wall	✓Yes □No	☐ Repair						
13   Slope liner		The state of the s								
Replacement				☐ Maintenance						
Truck secondary containment  Tank secondary containment  Tyes No Repair Replacement  Replacement  Replacement  Replacement  Replacement  Replacement  Repair Replacement  Replacement  Repair Replacement  Replacement  Ash Silos- spout  Spout connection  Tyes No Repair Replacement  Repair Replacement  Replacement  Repair Replacement  Repair Replacement  Replacement  Repair Replacement  Repair Replacement  Replacement  Repair Replacement  Repair Replacement  Repair Replacement  Repair Replacement  Repair Replacement  Replacement  Repair Replacement  Replacement  Repair Replacement  R	13	Slope liner	<b>☑</b> Yes □No							
Truck secondary containment										
Tank secondary containment    Replacement   Replacement   Repair   Replacement										
Tank secondary containment  Tank secondary containment  Maintenance Repair Replacement Maintenance Repair Replacement Replacem	14		✓Yes □No							
Tank secondary containment										
Replacement   Maintenance   Repair   Replacement	1.5	Tank secondary	EXVes DNs							
Maintenance   Repair   Replacement	13	containment	Mares Lino							
16										
Replacement   Replacement	16	Concrete herm	MYes DNo							
Concrete channel culvert inlet  Yes \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	10	Concrete berni	ETCS TIVE							
Concrete channel culvert inlet										
Replacement	17	1	☑Yes □No	40						
Covered secondary containment  Yes \( \text{No} \)  Repair Replacement  Ash Silos- spout  19 Ash silos  Yes \( \text{No} \)  Repair Replacement  Maintenance Repair Replacement		ınlet								
Covered secondary containment   Yes   No   Repair   Replacement				Oil Drums Storage						
Containment  Ash Silos- spout    Maintenance   Repair   Replacement		Covered secondary		☐ Maintenance						
Ash Silos- spout    Maintenance   Maintenance	18		✓Yes □No							
Ash silos      Maintenance   Repair   Replacement		Contaminent								
19 Ash silos										
□ Replacement □ Maintenance □ Repair □ Replacement □ Repair □ Replacement			<b>F</b> ** Day							
20 Spout connection	19	Ash silos	MYes ⊔No							
20 Spout connection										
□ Replacement □ Maintenance 21 Water spray nozzles □ Yes □ No □ Repair	20	Snout connection	MVcc DNc							
Under Spray nozzles ✓ Yes ☐ No ☐ Maintenance ☐ Repair	20	spour connection	E i es INO							
21 Water spray nozzles ☑Yes ☑No ☑ Repair										
	21	Water spray nozzles	✓Yes □No							
		ster oping normal	103 1140							

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
22	Water hose	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Diesel Fuel Storage  ☐ Maintenance	
23	Tank truck secondary containment	✓Yes □No	☐ Repair ☐ Replacement	
24	Tanks secondary containment	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
25	Drip pans for vehicle / equipment fueling	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		A	GREMAX Stockpile	·
			☐ Maintenance	,
26	Gabion wall	☑Yes □No	☐ Repair ☐ Replacement	
27	10 feet buffer zone	✓Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
28	Low wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
32	Covered conveyors	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
35	Wheel wash	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	The wheel wash station has been out of service. Agremax transportation was discontinued.
37	Concrete channel	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Gate #3	
39	Road grating (2)	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
40	Curb	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
41	Curb riprap	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
42	Slope liner	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
43	<sup>√</sup> Outfall riprap	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

		Control	If No, In Need of	Corrective Action Needed and Notes
	Structural Control	Measure is Operating	Maintenance, Repair, or	(identify needed maintenance and repairs, or any failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	initial control modulatos that need replacement,
			☐ Maintenance	
44	Sampling Point Outfall 002	☑Yes □No	☐ Repair	
	1 0		☐ Replacement	
			☐ Maintenance	
45	Concrete wall	☑Yes □No	☐ Repair	
			☐ Replacement	
		AGREMA	X Stockpile Perime	ter Road
		Pro Dor	☑Maintenance	Gravell installation has been performed by Constructora
48	Gravel cover	<b>☑</b> Yes □No	Repair	Melendez. Works at the Agremax perimeter road were
			☐ Replacement ☐ Maintenance	completed.
10	Compute channel	☑Yes □No	☐ Repair	
49	Concrete channel	Mies Lino	Replacement	
			☐ Maintenance	
50	Low wall	☑Yes □No	Repair	
50	Bow was		☐ Replacement	
			☐ Maintenance	
51	Run on outfall	□Yes □No	☐ Repair	,
			☐ Replacement	
			Coal Stockpile	
			☐ Maintenance	
52	Runoff pond	☑Yes □No	☐ Repair	
			Replacement	
52	S	□Yes ☑No	☐ Maintenance	The silt fence was affected by hurricane Maria. A corrective action to reinstall the silt fence must be
53	Super silt fence	TIES MINO	☐ Repair ☐ Replacement	completed.
			☐ Maintenance	Sediment trap maintenance activities and
54	Sediment trap	✓Yes □No	☐ Repair	sediment removal have been performed during
			☐ Replacement	this quarter.
			☐ Maintenance	
55	Concrete swale	☑Yes □No	☐ Repair	
			☐ Replacement	
			□Maintenance	
56	Wheel washer	☑Yes □No	Repair	
			☐ Replacement ☐ Maintenance	
57	Riprap in channel and	☑Yes □No	☐ Maintenance ☐ Repair	
57	slopes	MIES LINO	☐ Replacement	
		Heavy Eq.	uipment Maintenan	ice Shop
		1100, 129	☐ Maintenance	
61	Floor grating	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
62	Oil / Water Separator	<b>☑</b> Yes □No	☐ Repair	
			Replacement	
	Used oil storage tank and	Par Day	☐ Maintenance	
63	drums secondary	<b>☑</b> Yes <b>□</b> No	☐ Repair	
	containment		☐ Replacement☐ Maintenance	
64	Recyclable metals roll-off	☑Yes □No	☐ Repair	
04	container cover	1 1 CS 1110	Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
10.	TIACUSUI C		use / Urea Storage B	Guilding
			☐ Maintenance	Gravell installation has been performed by
65	Access road gravel cover	□Yes ☑No	☐ Repair	Constructora Melendez. Works were delayed
			☑ Replacement	because of hurricane Maria.
			☐ Maintenance	
66	Earthen berm on west side	✓Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
67	Low wall on north side	☑Yes □No	☐ Repair	
			Replacement	
60	T	Dir.	☐ Maintenance	
68	Trapezoidal swale	<b>☑</b> Yes <b>□</b> No	Repair	* * * * * * * * * * * * * * * * * * * *
		0	Replacement	T.
		Open A	rea West of Cooling	Tower
69	Gravel cover	☑Yes □No	☐ Maintenance	Crovel cover estivities were assumed to detail
09	Graver cover	Mies Lino	□Repair □ Replacement	Gravel cover activities were completed at this
		-	☐ Maintenance	area.
70	Slope liners	☑Yes □No	☐ Repair	
, 0	Stope inters	2103 2110	☐ Replacement	
		1	Cooling Tower	
			☐ Maintenance	
71	Secondary containment	☑Yes □No	☐ Repair	
	dike		☐ Replacement	
			Water Treatment	
	Sludge roll- off container	<b>☑</b> Yes <b>□</b> No	☐ Maintenance	
72	inside clean grating		☐ Repair	
	mside clean grating	-	☐ Replacement	
	Soda ash silo secondary		☐ Maintenance	
73	containment	☑Yes □No	☐ Repair	
			☐ Replacement	
	Acid / caustic tank truck		☐ Maintenance	
74	unloading secondary	☑Yes □No	☐ Repair	
	containment		Replacement	A College Coll
	T	Access	Road West of Power	Plant ,
75	Catch basin inserts	☑Yes □No	☐ Maintenance	
13	Catch basin inserts	Myes UNO	☐ Repair	
			☐ Replacement☐ Maintenance☐	
76	Curb inlet	☑Yes □No	☐ Repair	
70	Curb miet	E 103 = 140	☐ Replacement	
			☐ Maintenance	
77	Concrete berm w/ shallow	☑Yes □No	☐ Repair	Programme (2.5)
	gutter and curb inlet		Replacement	
	36		☐ Maintenance	
78	Mercury control chemicals	☑Yes □No	☐ Repair	
	covered storage dike		☐ Replacement	
		Stor	m Water Runoff Por	nd
			☐ Maintenance	
80	Concrete weir	☑Yes □No	☐ Repair	
			☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
82	Sediment accumulation control	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
83	Chemicals secondary containment	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Road Nor	th of Coal Pile Runo	off Pond
85	Coal pile runoff pond	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
86	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	<b>☑</b> Yes <b>□</b> No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	<b>☑</b> Yes <b>□</b> No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	☑Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
94	Sampling Point Outfall 001	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

3	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	☑Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	☑Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	✓Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	✓Yes □No □ N/A	
5	Waste handling and disposal areas	✓Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	ď
10	Power Block Area	✓Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes □No □ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	
15	Stormwater Sample Point 002	☑Yes □No □ N/A	
16	Stormwater Sample Point 003	MYes □No □ N/A	

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	☑Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	☑Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance
Describe any incidents of non-compliance observed and not described above:
Additional Control Measures
Describe any additional control measures needed to comply with the permit requirements:
and and an action of measures needed to comply with the permit requirements.
Working on a corrective action to reduce or eliminate the discharge of vehicle tracked solids through outfall 002 and get the
plant into compliance with benchmark parameter. A hydrologic analysis from the affected area have been performed,
including additional or potential plant stormwater storage capacity. Professional recommendations and different alternatives
will be provided and evaluated to comply with the MSGP 2015 Permit.

	Notes							
Use this space for any additional notes or observ	Use this space for any additional notes or observations from the inspection:							

#### CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Laboyen Stormkaly Complexee Coordine b

Signature: May 14, 2018



Storm water industrial Ro	utine racility inspe	ction Form	Worksheet No. 4		
	General l	nformation			
Facility Name	AES Puerto Rico, LP				
NPDES Tracking No.	PRR053093				
Date of Inspection	February 27, 2018	Start/End Time	10:00 am / 12:00 pm		
Inspector's Name(s)	Pedro E. Labayen				
Inspector's Title(s)	Stormwater Compliance	Coordinator			
Inspector's Contact Information	(787) 866-8117 ext. 221:				
Inspector's Qualifications	Professional Engineer				
	The fact of the first of the end	nformation			
Weather at time of this inspection?  ☐ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ High Winds ☐ Other:  Temperature: 80°F					
Have any previously unidentified discharges of pollutants occurred since the last inspection?  Yes No If yes, describe:					
Are there any discharges occurring at the time of inspection? □Yes ☑No If yes, describe:					

## **Control Measures**

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
01	Earth berm	☑Yes □No	☐ Maintenance ☐ Repair	
			☐ Replacement	
		•	☐ Maintenance	
02	Concrete wall	☑Yes □No	☐ Repair	
			☐ Replacement	
02	Rip rap		☐ Maintenance	
03		☑Yes □No	☐ Repair	
			Replacement	
04	Concrete swale		☐ Maintenance	
04	Concrete swate	☑Yes □No	☐ Repair	
			Replacement	
05	Run-on inlet grate	☑Yes □No	☐ Maintenance	
05	Run-on intel grate	Mares Lino	Repair	
			☐ Replacement ☐ Maintenance	
06	Polymer secondary containment	☑Yes □No	☐ Repair	
			Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Firev	water Pump station A	Area
07	Diesel tank secondary containment	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
08	Oil / Water Separator	ØYes □No	☐ Maintenance ☐ Repair	
		TF-	Replacement ast Access Road Area	
		150	☐ Maintenance	4
09	Concrete channel	☑Yes □No	Repair Replacement	
10	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
11	Concrete swale next to switch yard	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Lia	uid Urea Storage Ar	00
		Tiq.	☐ Maintenance	<b>С</b>
12	Low wall	☑Yes □No	Repair Replacement	
13	Slope liner	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
14	Truck secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
15	Tank secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
16	Concrete berm	ØYes □No	☐ Maintenance ☐ Repair ☐ Replacement	
17	Concrete channel culvert inlet	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		-1	Oil Drums Storage	
18	Covered secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Ash Silos- spout	
19	Ash silos	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement☐	
20	Spout connection	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
21	Water spray nozzles	☑Yes □No	☐ Repair ☐ Replacement	

Measure   Measure   Maintenance,   Gldentify needed maintenance and repairs, or any failed control measures that need replacement)   Maintenance   Repair   Replacement   Re			Control	If No, In Need of	Corrective Action Needed and Notes
Structural Control   Measure   Effectively?   Replacement?   Maintenance   Repair   Replacement			Measure is		
Measure   Effectively?   Replacement?   Maintenance   Repair   Replacement   Repair   Replacement		Structural Control	Operating		failed control measures that need real accounts
Water hose	ID.	Measure			raned control measures that need replacement)
Mater hose					
Replacement   Replacement	22	Water hose	☑Yes □No		
Tank truck secondary containment					
Tank truck secondary containment					
Tank truck secondary containment					
Containment	23		Was DNa		
Signatur	23	containment	Elles UNO		
Signatur		Tonka accordence		☐ Maintenance	
Drip pans for vehicle / equipment fueling	24		☑Yes □No		
Drip pans for vehicle / equipment fueling		contamment			
Repair   R		Dain man for a list of			
Replacement     Replacement       Replacement       Maintenance   Repair     Replacement     Repair     Replacement     Repair     Replacement     Repair     Replacement     Repair     Replacement       Replacement	25		☑Yes □No		
AGREMAX Stockpile   Maintenance   Repair   Replacement   Replacement   Repair   Replacement   Replacement   Replacement   Repair   Replacement   Re		equipment rueling			
Maintenance   Repair   Replacement			A		
Gabion wall   Myes   No   Repair   Replacement   Repair   Replacement					
Replacement   Maintenance	26	Gabion wall	☑Yes □No		
Maintenance   Repair   Replacement					*
27					
Replacement   Maintenance   Repair   Replacement	27	10 feet buffer zone	☑Yes □No		
Low wall    Description   Desc					·
Low wall		Low wall	☑Yes □No		
Replacement   Repair   Replacement   Repair   Replacement   Repair   Replacement   Repair   Replacement   Repair   Replacement   Repair   Replacement   Re	28				
Covered conveyors					
Covered conveyors					
Replacement   Replacement   Maintenance   Repair   Replacement   Replacement   Repair   Replacement	32	Covered conveyors	☑Yes □No		
Wheel wash    Yes   No   Repair   Replacement		•			
Wheel wash					
Replacement   Because agremax transportation was suspended.   Maintenance   Repair   Replacement	35	Wheel wash	☑Yes □No	1	The wheel and a state of the same of the s
Maintenance   Repair   Replacement					hecause agramay transportation was assumed a
Maintenance   Myes   No   Repair   Replacement					because agreemax transportation was suspended.
Replacement   Gate #3   Road grating (2)	37	Concrete channel	☑Yes □No		4
Gate #3   Maintenance   Repair   Replacement					7
Road grating (2)   Yes   No   Repair   Replacement					
Road grating (2)   Yes				T	
Replacement   Maintenance   Repair   Replacement	39	Road grating (2)	☑Yes □No		
Curb    Maintenance   Repair   Replacement					
40 Curb					
Curb riprap	40	Curb	☑Yes □No		
Curb riprap   Maintenance   Repair   Replacement     All   Curb riprap   Maintenance   Replacement     All   Replacement   Maintenance   Repair     Replacement   Replacement     Replacement   Replacement     Replacement   Replacement     All   Repair   Replacement     All   Repair   Replacement     All   Repair   Repair     All   Repair   Repair   Repair     All   Repair   Repair   Repair     All   Repair   Repair   Repair   Repair   Repair     All   Repair					
41 Curb riprap    Yes \( \text{No} \) Repair  Replacement  42 Slope liner  Yes \( \text{No} \) Repair  Replacement  Repair  Replacement  Repair  Replacement  Repair					
Care	41	Curb riprap	☑Yes □No		
Slope liner  Yes \( \subseteq \text{No} \) Repair Replacement  Outfall riprap  Yes \( \subseteq \text{No} \) Repair					
42 Slope liner	- 1			☐ Maintenance	
U Replacement  ☐ Maintenance ☐ Maintenance ☐ Repair	42	Slope liner	☑Yes □No		4
43 Outfall riprap					
43 Outfall riprap					
and the same of th	43	Outfall riprap	☑Yes □No		
		-			

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
45	Concrete wall	⊠Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
	1	AGREMA	X Stockpile Perime	ter Road
48	Gravel cover	□Yes ☑No	☑Maintenance ☐ Repair ☐ Replacement	Gravell installation has been performed by Constructora Melendez. Works were delayed because of hurricane Maria. Stone availability at the quarry have been verified to continue with the project.
49	Concrete channel	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	The projection of the projecti
50	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
51	Run on outfall	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Coal Stockpile	
52	Runoff pond	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
53	Super silt fence	□Yes ☑No	☐ Maintenance☐ Repair☐ Replacement	The silt fence was affected by hurricane Maria. A corrective action to reinstall the silt fence must be completed.
54	Sediment trap	□Yes ☑No	☑Maintenance □ Repair □ Replacement	The sediment trap required maintenance and sediment removal.
55	Concrete swale	□Yes ☑No	☑ Maintenance □ Repair □ Replacement	The concrete swale required maintenance and sediment removal.
56	Wheel washer	☑Yes □No	☐Maintenance ☐ Repair ☐Replacement	
57	Riprap in channel and slopes	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Heavy Equ	ipment Maintenanc	e Shop
51	Floor grating	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
52	Oil / Water Separator	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
3	Used oil storage tank and drums secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
	Recyclable metals roll-off container cover		☐ Maintenance ☐ Repair ☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Wareho	use / Urea Storage B	uilding
65	Access road gravel cover	□Yes ☑No	☐ Maintenance ☐ Repair ☑ Replacement	Gravell installation has been performed by Constructora Melendez. Works were delayed because of hurricane Maria.
66	Earthen berm on west side	⊠Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
67	Low wall on north side	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
68	Trapezoidal swale	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
		Open A	rea West of Cooling	Tower
69	Gravel cover	☑Yes □No	☐ Maintenance ☐Repair ☐ Replacement	Gravel cover activities were completed at this area.
70	Slope liners	⊠Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Cooling Tower	
71	Secondary containment dike	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		•	Water Treatment	
72	Sludge roll- off container inside clean grating	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
73	Soda ash silo secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
74	Acid / caustic tank truck unloading secondary containment	☑Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	
		Access F	Road West of Power	Plant
75	Catch basin inserts	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
76	Curb inlet	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	(
77	Concrete berm w/ shallow gutter and curb inlet	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
78	Mercury control chemicals covered storage dike	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Storn	n Water Runoff Pon	d
80	Concrete weir	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
82	Sediment accumulation control	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
83	Chemicals secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Road Nor	th of Coal Pile Runo	off Pond
85	Coal pile runoff pond	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
86	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	⊠Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	ØYes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

## Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	ØYes □No □ N/A	
2	Heavy equipment operations and maintenance areas	ØYes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes ☐No ☐ N/A	
4	Outdoor vehicle and equipment washing areas	☑Yes ☐No ☐ N/A	
5	Waste handling and disposal areas	☑Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	
10	Power Block Area	☑Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes □No □ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	
15	Stormwater Sample Point 002	☑Yes ☐No ☐ N/A	
16	Stormwater Sample Point 003	☑Yes □No □ N/A	

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	☑Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM- gallon pond area	☑Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	☑Yes ☐No ☐ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

	Non-Compliance		
Describe any incidents of non-compliance observed and not d	escribed above:		
	•		
	. 0		
4 A A	itional Cantual Manager		
Describe any additional control	itional Control Measures		
Describe any additional control measures needed to comply wi	th the permit requirements:	1	
Describe any additional control measures needed to comply wi	th the permit requirements:	\	
Describe any additional control measures needed to comply wi	th the permit requirements:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Describe any additional control measures needed to comply wi	th the permit requirements:	V :	
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		
Describe any additional control measures needed to comply wi	th the permit requirements:		

	110163	
Use this space for any additional notes or observations from	the inspection:	
1	the hispection.	
*		

#### CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Lalayen Somwar Compliance Coordinate

Signature: Date: Feb 27, 2018



Storm Water Industrial Routine Facility Inspection Form

Worksheet No. 4

General Information				
Facility Name	AES Puerto Rico, LP			
NPDES Tracking No.	PRR053093			
Date of Inspection	November 13, 2017	Start/End Time	8:00 am / 11:00 am	
Inspector's Name(s)	Pedro E. Labayen			
Inspector's Title(s)	Stormwater Compliance Coordinator			
Inspector's Contact Information	(787) 866-8117 ext. 2215			
Inspector's Qualifications	Professional Engineer			
Weather Information				
Weather at time of this inspection?				
☐ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ High Winds ☐ Other: Temperature: 87°F				
Have any previously unidentified discharges of pollutants occurred since the last inspection? □Yes ☑No				
If yes, describe:				
Are there any discharges occurring at the time of inspection? Yes				
If yes, describe: Stamwater Lischage from outfl 002,003 & 001				

#### **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
01	Earth berm	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
02	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair	
03	Rip rap	<b>☑</b> Yes □No	☐ Replacement ☐ Maintenance ☐ Repair ☐ Replacement	v - Lanco
04	Concrete swale	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
05	Run-on inlet grate	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
06	Polymer secondary containment	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

	tronana Time	Control Measure is	If No, In Need of Maintenance,	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any				
100	Structural Control	Operating	Repair, or	failed control measures that need replacement)				
ID.	Measure	Effectively?	Replacement?	AN OTHER DESIGNATION OF THE SECOND OF THE SE				
	Firewater Pump station Area							
0.7	Diesel tank secondary		☐ Maintenance					
07	containment	<b>☑</b> Yes □No	☐ Repair					
			☐ Replacement☐ Maintenance☐					
08	Oil / Water Separator	☑Yes □No	☐ Repair					
00	On / Water Separator	E i es ano	☐ Replacement					
		Fa	st Access Road Area					
		Ea	☐ Maintenance	4				
09	Concrete channel	☑Yes □No	☐ Repair					
0)	Concrete chamier	<b>2105 2110</b>	☐ Replacement					
			☐ Maintenance					
10	Low wall	✓Yes □No	☐ Repair					
			☐ Replacement					
			☐ Maintenance					
11	Concrete swale next to	☑Yes □No	☐ Repair					
	switch yard		☐ Replacement					
		Liqu	iid Urea Storage Ar	ea				
			☐ Maintenance					
12	Low wall	<b>☑</b> Yes <b>□</b> No	☐ Repair					
			☐ Replacement					
			☐ Maintenance					
13	Slope liner	✓Yes □No	Repair					
			Replacement					
1.4	Truck secondary		☐ Maintenance					
14	containment	<b>☑</b> Yes <b>□</b> No	☐ Repair☐ Replacement					
			☐ Maintenance					
15	Tank secondary	☑Yes □No	☐ Repair					
13	containment	E 103 = 110	☐ Replacement					
			☐ Maintenance					
16	Concrete berm	<b>☑</b> Yes □No	☐ Repair					
			☐ Replacement					
	Communication of a substant		☐ Maintenance	/				
17	Concrete channel culvert inlet	☑Yes □No	☐ Repair					
	Innet		☐ Replacement					
			Oil Drums Storage					
	Covered secondary		☐ Maintenance					
18	containment	☑Yes □No	☐ Repair					
	Contamination		Replacement					
		T	Ash Silos- spout					
10	A 1 - 11 -		☐ Maintenance					
19	Ash silos	<b>☑</b> Yes □No	☐ Repair					
			☐ Replacement☐ Maintenance☐	and the second s				
20	Spout connection	☑Yes □No	☐ Repair					
20	Spour connection	E103 -110	☐ Replacement					
			☐ Maintenance					
21	Water spray nozzles	☑Yes □No	☐ Repair					
	- Francisco		☐ Replacement					

	Asset Man Laboration	Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
			☐ Maintenance	
22	Water hose	✓Yes □No	☐ Repair	
			☐ Replacement	
			Diesel Fuel Storage	
			☐ Maintenance	
23	Tank truck secondary	My Dy	☐ Repair	
23	containment	<b>☑</b> Yes <b>□</b> No	☐ Replacement	
0.4	Tanks secondary		☐ Maintenance	
24	containment	✓Yes □No	☐ Repair	
			☐ Replacement	
	Drip pans for vehicle /		☐ Maintenance	
25	equipment fueling	<b>☑</b> Yes □No	☐ Repair	
	equipment ruening		☐ Replacement	and the second s
		A	GREMAX Stockpile	
			☐ Maintenance	
26	Gabion wall	✓Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
27	10 feet buffer zone	✓Yes □No	☐ Repair	
			☐ Replacement	1 1 200, 14 300
			☐ Maintenance	
28	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
32	Covered conveyors	✓Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
35	Wheel wash	☑Yes □No	☐ Repair	The wheel wash station has been out of service since
			☐ Replacement	agremax transportation was suspended.
			☐ Maintenance	- Stranger of March of March 11 and Duspoilabed.
37	Concrete channel	☑Yes □No	☐ Repair	1 1k standings of
			☐ Replacement	
	1		Gate #3	
			☐ Maintenance	
39	Road grating (2)	☑Yes □No	☐ Repair	
	8		☐ Replacement	
			☐ Maintenance	
40	Curb	✓Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
41	Curb riprap	✓Yes □No	Repair	2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	- Tipiup	<u> </u>	☐ Replacement	
			☐ Maintenance	
42	Slope liner	✓Yes □No	☐ Repair	
	- Lepo Inter	= 105 <b>=</b> 110	☐ Replacement	
			☐ Maintenance	
43	Outfall riprap	☑Yes □No	Repair	e e la la la completa (filia)
15	Cattan Tiprap	E103 LINU	Repair Replacement	
			- Kepiacemeni	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	□Yes ☑No	☑ Maintenance □ Repair □ Replacement	
45	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		AGREMA	X Stockpile Perime	ter Road
48	Gravel cover	□Yes ☑No	☑Maintenance ☐ Repair ☐ Replacement	Gravell installation has been performed by Constructora Melendez. Works were delayed due to the effects of hurricane Maria.
49	Concrete channel	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
50	Low wall	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
51	Run on outfall	□Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
			Coal Stockpile	
52	Runoff pond	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
53	Super silt fence	□Yes ☑No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☑ Replacement</li></ul>	The silt fence was affected by hurricane Maria.
54	Sediment trap	□Yes ☑No	☑Maintenance □ Repair □ Replacement	The sediment trap required maintenance and sediment removal.
55	Concrete swale	□Yes ☑No	☐ Maintenance ☐ Repair ☐ Replacement	The concrete swale required maintenance and sediment removal.
56	Wheel washer	☑Yes □No	☐Maintenance ☐ Repair ☐Replacement	
57	Riprap in channel and slopes	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
		Heavy Eq	uipment Maintenar	nce Shop
61	Floor grating	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
62	Oil / Water Separator	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	,
63	Used oil storage tank and drums secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
64	Recyclable metals roll-off container cover	<b>⊠</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

		Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
TD	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
		Wareho	use / Urea Storage B	
65		☑Yes □No	☐ Maintenance	Gravell installation has been performed by
65	Access road gravel cover		Repair	Constructora Melendez. Works were delayed due
			Replacement	to the effects of hurricane Maria.
"	E d l	Par Day	☐ Maintenance	
66	Earthen berm on west side	✓Yes □No	Repair	
			Replacement	
(7	T 11 11 1	Div. Div.	☐ Maintenance	
67	Low wall on north side	<b>☑</b> Yes <b>□</b> No	Repair	
			Replacement	
68	Tropogoidal avvala	My Dy-	☐ Maintenance	
00	Trapezoidal swale	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			Replacement	
		Open A	rea West of Cooling	Tower
69	Gravel cover	My Dy-	☐ Maintenance	
09	Graver cover	<b>☑</b> Yes □No	□Repair	Gravel cover activities were completed at this
			Replacement	area.
70	Slana linara	Myss DNs	☐ Maintenance	
70	Slope liners	☑Yes □No	☐ Repair	
	1		Replacement	
		T	Cooling Tower	3 2
71	Secondary containment	☑Yes □No	☐ Maintenance	
/ 1	dike	E i es Lino	Repair	
			☐ Replacement  Water Treatment	
	1	T	☐ Maintenance	
72	Sludge roll- off container	☑Yes □No	☐ Repair	
, 2	inside clean grating	E 103 = 110	☐ Replacement	
			☐ Maintenance	
73	Soda ash silo secondary	✓Yes □No	☐ Repair	
, ,	containment	2103 2110	☐ Replacement	
<i>y</i>	Acid / caustic tank truck		☐ Maintenance	
74	unloading secondary	☑Yes □No	Repair	
	containment		☐ Replacement	
	I	Access I	Road West of Power	Plant
			☐ Maintenance	
75	Catch basin inserts	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	·
76	Curb inlet	☑Yes □No	☐ Repair	
			☐ Replacement	
	Compared I / -1 - 11		☐ Maintenance	
77	Concrete berm w/ shallow	☑Yes □No	☐ Repair	The transfer of the second of
	gutter and curb inlet		☐ Replacement	
	Marayar control chamicals		☐ Maintenance	
78	Mercury control chemicals covered storage dike	☑Yes □No	☐ Repair	
	covered storage dike		☐ Replacement	
		Stor	m Water Runoff Por	nd
			☐ Maintenance	
80	Concrete weir	☑Yes □No	☐ Repair	
			☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
82	Sediment accumulation control	<b>☑</b> Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
83	Chemicals secondary containment	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
		Road Nor	th of Coal Pile Runo	off Pond
85	Coal pile runoff pond	<b>☑</b> Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
86	Low wall	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
87	Riprap in channel and slopes	<b>☑</b> Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
88	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

# Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	☑Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	☑Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	☑Yes □No □ N/A	
5	Waste handling and disposal areas	☑Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	
10	Power Block Area	☑Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes □No □ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	Visual assessment was completed
15	Stormwater Sample Point 002	☑Yes □No □ N/A	Visual assessment was completed and Storawate sample was taken
16	Stormwater Sample Point 003		Visual ascessment ocs completed.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	☑Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	☑Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Describe any incidents of non-compliance observed and not described above:
Beschibe any mordens of non-comphance observed and not described above.
Additional Control Measures
Additional Control Measures  Describe any additional control measures needed to comply with the permit requirements:
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Describe any additional control measures needed to comply with the permit requirements:  A corrective action evaluation will be performed by an external contractor in order to reduce or eliminate the discharge of

Use this space for any additional notes or observations from the inspection:

The AES Puerto Rico plant facility was not in operation since September 19, 2017 due to the effects of hurricane Maria.

Starmwork automotic simplers were dancyed by hurricane.

Equipment were excluded by MSSC in order to determine the every estimate the condition (electrical and mechanical). Equipment were estimate the condition (electrical and mechanical). Equipment were sent to the content of the conte

#### **CERTIFICATION STATEMENT**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Storm water industrial Rol	utine Facility Inspec	tion Form	Worksheet No. 4			
	General In	formation				
Facility Name	AES Puerto Rico, LP					
NPDES Tracking No.	PRR053093					
Date of Inspection	August 11, 2017	Start/End Time	9:00 am / 12:00 pm			
Inspector's Name(s)	Pedro E. Labayen					
Inspector's Title(s)	Stormwater Compliance C	Coordinator				
Inspector's Contact Information	(787) 866-8117 ext. 2215					
Inspector's Qualifications	Professional Engineer		\			
	Weather In	formation				
Weather at time of this inspection  ☐ Clear ☐ Cloudy ☐ Rain ☐ Other:		h Winds Tempera	ature: 87°F			
Have any previously unidentified of If yes, describe:	lischarges of pollutants occ	curred since the last	inspection? □Yes ☑No			
Are there any discharges occurring If yes, describe:	g at the time of inspection?	'□Yes <b>⊠</b> No				

## **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

m,	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
01	Earth berm	☑Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	
02	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
03	Rip rap	☑Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	
04	Concrete swale	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
05	Run-on inlet grate	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
06	Polymer secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
10.	Promoter to Indicate Control of the		vater Pump station A	å rag
		THEY	☐ Maintenance	A I Ca
07	Diesel tank secondary	☑Yes □No	☐ Repair	
	containment		Replacement	
			☐ Maintenance	
08	Oil / Water Separator	☑Yes □No	☐ Repair	
	<b>X</b>		☐ Replacement	
		Es	ast Access Road Are	9
			☐ Maintenance	
09	Concrete channel	☑Yes ☐No	☐ Repair	V 71
			☐ Replacement	
			☐ Maintenance	
10	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
	Concrete swale next to		☐ Maintenance	
11	switch yard	✓Yes □No	☐ Repair	
	Switch yard		☐ Replacement	€
		Liq	uid Urea Storage Ar	ea
			☐ Maintenance	
12	Low wall	☑Yes ☐No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
13	Slope liner	☑Yes ☐No	☐ Repair	
			☐ Replacement	
	Truck secondary		☐ Maintenance	
14	containment	☑Yes ☐No	☐ Repair	
			☐ Replacement	
	Tank secondary		☐ Maintenance	
15	containment	☑Yes □No	Repair	
		-	Replacement	
16	Company house	-	☐ Maintenance	
16	Concrete berm	☑Yes □No	☐ Repair	
			Replacement	
17	Concrete channel culvert	☑Yes □No	☐ Maintenance	
17	inlet	Elies Lino	Repair	
	I	1	Replacement	
		1	Oil Drums Storage	Now down 1 1 1 1
18	Covered secondary	☑Yes □No	☐ Maintenance ☐ Repair	New drums were placed near the secondary
10	containment	E I es CINO	☐ Replacement	containment. A notification was completed to
			Ash Silos- spout	store all drums inside secondary containment.
		1	☐ Maintenance	
19	Ash silos	☑Yes □No	☐ Repair	
• /	71511 51103	1 103 LINO	Replacement	
			☐ Maintenance	
20	Spout connection	☑Yes □No	Repair	
	-Lancasion		☐ Replacement	
			☐ Maintenance	
21	Water spray nozzles	☑Yes □No	☐ Repair	
	The state of the s		☐ Replacement	
	L	,1	Pinovillolit	

		Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
			☐ Maintenance	
22	Water hose	☑Yes □No	□ Repair	1
			Replacement	
			Diesel Fuel Storage	1
			☐ Maintenance	
	Tank truck secondary		Repair	
23	containment	☑Yes □No	☐ Replacement	
	Tanks secondary		☐ Maintenance	
24	containment	☑Yes □No	☐ Repair	Tank water couptied and cleaned on August
	Contaminant	7	☐ Replacement	5, 2017. Stamuscle was removed frontent
	Drip pans for vehicle /	24	☐ Maintenance	
25	equipment fueling	☑Yes □No	☐ Repair	
	equipment facing		☐ Replacement	
		A	GREMAX Stockpile	9
			☐ Maintenance	,
26	Gabion wall	☑Yes ☐No	☐ Repair	
			☐ Replacement	
	10 feet buffer zone		☐ Maintenance	The 10 feet buffer zone was affected by heavy
27		☑Yes ☐No	☐ Repair	rains. CCP personnel repair the zone once the
			☐ Replacement	area became safe and adequate for the work.
	Low wall	☑Yes □No	☐ Maintenance	
28			☐ Repair	9 1
			☐ Replacement	
		☑Yes □No	☐ Maintenance	
32	Covered conveyors		☐ Repair	
			☐ Replacement	
		☑Yes □No	☐ Maintenance	
35	Wheel wash		☐ Repair	The wheel wash station has been out of service since
			☐ Replacement	agremax transportation was suspended.
			☐ Maintenance	
37	Concrete channel	☑Yes □No	☐ Repair	The concrete channel was cleaned on July 23,
			☐ Replacement	2017.
			Gate #3	
			☐ Maintenance	The storm water inlet filter bags were replaced
39	Road grating (2)	☑Yes □No	☐ Repair	and the channel at the discharge point 002 was
			☐ Replacement	cleaned.
			☐ Maintenance	
40	Curb	☑Yes □No	☐ Repair	
	1		☐ Replacement	
			☐ Maintenance	
41	Curb riprap	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
42	Slope liner	☑Yes □No	☐ Repair	
	_		☐ Replacement	
			☐ Maintenance	
43	Outfall riprap	☑Yes □No	☐ Repair	
2.00	F		☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	□Yes ☑No	☑ Maintenance □ Repair □ Replacement	Tracking of sediment by vehicles from the adjacent public dirty road to the plant entrance have been affecting benchmark compliance at that point. An analysis of corrective actions will be performed by an external contractor in order to mitigate the problem.
45	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		AGREM	AX Stockpile Perime	ter Road
48	Gravel cover	□Yes ☑No	☑Maintenance ☐ Repair ☐ Replacement	
49	Concrete channel	ØYes □No	☐ Maintenance ☐ Repair ☐ Replacement	
50	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
51	Run on outfall	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
	1	•	Coal Stockpile	
52	Runoff pond	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
53	Super silt fence	□Yes ☑No	☐ Maintenance ☐ Repair ☑Replacement	A segment of the silt fence located north of the coal storage pile was replaced. Silt fence installed west side of the coal pile needed replacement. A notification was performed (#542920) and new silt fence was ordered.
54	Sediment trap	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	The sediment trap was cleaned on July 31, 2017.
55	Concrete swale	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
56	Wheel washer	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
57	Riprap in channel and slopes	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
	1	Heavy Eq	uipment Maintenanc	ce Shop
61	Floor grating	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
62	Oil / Water Separator	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
63	Used oil storage tank and drums secondary containment	☑Yes ☐No	☐ Maintenance ☐ Repair ☐ Replacement	

D.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)				
64	Recyclable metals roll-off container cover	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
	Warehouse / Urea Storage Building							
65	Access road gravel cover	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
66	Earthen berm on west side	⊠Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	·				
67	Low wall on north side	ØYes □No	☐ Maintenance ☐ Repair ☐ Replacement					
68	Trapezoidal swale	ØYes □No	☐ Maintenance ☐ Repair ☐ Replacement					
		Open A	rea West of Cooling	Tower				
		1	☐ Maintenance	Gravel cover activities were coordinated with an				
69	Gravel cover	□Yes ☑No	☑ Repair □ Replacement	external contractor (Las Piedras Construction Company)				
70	Slope liners	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
			Cooling Tower					
71	Secondary containment dike	⊠Yes □No	☐ Maintenance ☐ Repair					
			Replacement					
		1	Water Treatment  Maintenance					
72	Sludge roll- off container inside clean grating	☑Yes ☐No	Repair Replacement					
73	Soda ash silo secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
74	Acid / caustic tank truck unloading secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
	Access Road West of Power Plant							
75	Catch basin inserts	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
76	Curb inlet	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
77	Concrete berm w/ shallow gutter and curb inlet	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
78	Mercury control chemicals covered storage dike	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement					
		Stori	n Water Runoff Pon	d				

D.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
80	Concrete weir	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
81	Riprap channel	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
82	Sediment accumulation control	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
83	Chemicals secondary containment	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Road No	rth of Coal Pile Rund	off Dond
85	Coal pile runoff pond	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	ar i oud
86	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	ØYes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	☑Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	☑Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	☑Yes □No □ N/A	
5	Waste handling and disposal areas	☑Yes ☐No ☐ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes ☐No ☐ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	
10	Power Block Area	☑Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes ☐No ☐ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	J
15	Stormwater Sample Point 002	□Yes ☑No □ N/A	Explained above.
16	Stormwater Sample Point 003	☑Yes □No □ N/A	

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	⊠Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	⊠Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	⊠Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	⊠Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

An EPA MSGP compliance inspection was performed on July 21, 2017. Findings of noncompliance with the 2015 NPDES MSGP were observed by EPA. These includes:

- 1. Benchmark exceedance in outfall 002.
- 2. Filter bags deteriorated.
- 3. Stormwater pond not properly maintained.
- 4. Stormwater conveyance ditch covered with AGREMAX.
- 5. Diesel control tank with water accumulation.
- 6. AGREMAX pile water sprinklers not in use.
- 7. Sweeper not observed in use.
- Exposed soil.
- 9. Gabion barrier filter fabric disrepair and AGREMAX accumulation.
- 10. Slope eroded.

**Additional Control Measures** 

Describe any additional control measures needed to comply with the permit requirements:

A corrective action evaluation will be performed by an external contractor in order to reduce or eliminate the discharge of vehicle tracked solids through outfall 002 and get the plant into compliance with benchmark parameter.

Matas

			Hotes		
Use this space for any addi	tional notes or obs	ervations from t	he inspection:		
out this space for any add	monut notes of cos	01 1 444 0 440 44 0 444 0	ii iiipottioiii		

#### CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedo E. Laboyer Sam Wales Complexee Coordictor

Signature: Mac Man Date: August 11, 2017



Storm Water Industrial Routine Facility Inspection Form

Worksheet No. 4

General Information					
Facility Name AES Puerto Rico, LP					
NPDES Tracking No.	PRR053093				
Date of InspectionMay 30, 2017Start/End Time2:00 pm / 4:00 pm					
Inspector's Name(s)	Pedro E. Labayen				
Inspector's Title(s)	Stormwater Compliance Coordinator				
Inspector's Contact Information	(787) 866-8117 ext. 2215				
Inspector's Qualifications	Professional Engineer				
	Weather Inf	formation	Carrier Company of the Company of the Company		
Weather at time of this inspection?  ☑ Clear □Cloudy □ Rain □ Sleet □ Fog □ High Winds □ Other:  Temperature: 82°F					
Have any previously unidentified discharges of pollutants occurred since the last inspection? ☐Yes ☐No If yes, describe:					
Are there any discharges occurring at the time of inspection? The Molecular Section of the time of inspection of the time of inspection of the time of inspection of the time of the time of the time of inspection of the time of the					

#### **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
01	Earth berm	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
02	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
03	Rip rap	<b>Z</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	A
04	Concrete swale	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	. A - 2/4
05	Run-on inlet grate	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
06	Polymer secondary containment	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)					
	Firewater Pump station Area								
	Diagol tank socondon:		☐ Maintenance						
07	Diesel tank secondary containment	☑Yes □No	☐ Repair						
	Contamment		☐ Replacement						
			☐ Maintenance						
08	Oil / Water Separator	☑Yes □No	☐ Repair						
			☐ Replacement						
		E	ast Access Road Area	a					
00			☐ Maintenance						
09	Concrete channel	✓Yes □No	Repair						
			Replacement						
10	T		☐ Maintenance						
10	Low wall	<b>☑</b> Yes <b>□</b> No	☐ Repair						
			☐ Replacement☐ Maintenance☐						
11	Concrete swale next to	Myor DNo							
11	switch yard	<b>☑</b> Yes <b>□</b> No	☐ Repair						
	1	Lia	☐ Replacement uid Urea Storage Ar	00					
	T	Liq	☐ Maintenance	ea					
12	Low wall	☑Yes □No	☐ Repair						
12	Dow wan	E 103 E110	☐ Replacement						
			☐ Maintenance						
13	Slope liner	☑Yes □No	☐ Repair						
			☐ Replacement						
	T 1	☑Yes □No	☐ Maintenance						
14	Truck secondary containment		☐ Repair						
	Contamment		☐ Replacement						
	Tank secondary		☐ Maintenance						
15	containment	✓Yes □No	Repair						
			Replacement						
1.0		Ffx Dy	☐ Maintenance						
16	Concrete berm	<b>☑</b> Yes <b>□</b> No	Repair						
			Replacement						
17	Concrete channel culvert	☑Yes □No	☐ Maintenance☐ Repair						
17	inlet	E les Uno	☐ Replacement						
	1		Oil Drums Storage						
			☐ Maintenance						
18	Covered secondary	✓Yes □No	☐ Repair						
	containment		☐ Replacement						
			Ash Silos- spout						
			☐ Maintenance						
19	Ash silos	☑Yes □No	☐ Repair	·					
			☐ Replacement						
			☐ Maintenance						
20	Spout connection	☑Yes □No	☐ Repair						
			Replacement						
2.1	W		☐ Maintenance						
21	Water spray nozzles	<b>☑</b> Yes <b>□</b> No	Repair						
			☐ Replacement						

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
22	Water hose	<b>☑</b> Yes □No	☐ Maintenance☐ Repair☐ Replacement	
			Diesel Fuel Storage	L
			☐ Maintenance	
23	Tank truck secondary containment	<b>☑</b> Yes □No	☐ Repair☐ Replacement	
24	Tanks secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
25	Drip pans for vehicle / equipment fueling	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		A	GREMAX Stockpile	
		13	☐ Maintenance	
26	Gabion wall	✓Yes □No	☐ Repair☐ Replacement	
27	10 feet buffer zone	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
28	Low wall	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
32	Covered conveyors	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
35	Wheel wash	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	The wheel wash station has been out of service since agremax transportation was suspended.
37	Concrete channel	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
	T		Gate #3	
39	Road grating (2)	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	The storm water inlet filter bags were replaced and the channel at the discharge point 002 was cleaned.
40	Curb	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
41	Curb riprap	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
42	Slope liner	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
43	Outfall riprap	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
45	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		AGREMA	X Stockpile Perime	ter Road
48	Gravel cover	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
49	Concrete channel	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
50	Low wall	☑Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
51	Run on outfall	□Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
			Coal Stockpile	
52	Runoff pond	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
53	Super silt fence	□Yes ☑No	☐ Maintenance ☐ Repair ☐ Replacement	A segment of the silt fence located north of the coal storage pile needed replacement.
54	Sediment trap	□Yes ☑No	<ul><li>☑ Maintenance</li><li>☑ Repair</li><li>☑ Replacement</li></ul>	Sediment accumulation
55	Concrete swale	□Yes ☑No	<ul><li>✓ Maintenance</li><li>✓ Repair</li><li>✓ Replacement</li></ul>	Sediment accumulation
56	Wheel washer	□Yes ☑No	<ul><li>✓ Maintenance</li><li>✓ Repair</li><li>✓ Replacement</li></ul>	Sediment accumulation
57	Riprap in channel and slopes	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
		Heavy Eq	uipment Maintenar	ice Shop
61	Floor grating	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
62	Oil / Water Separator	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	-
63	Used oil storage tank and drums secondary containment	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
64	Recyclable metals roll-off container cover	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Warchouse / Urea Storage Building		Structural Control	Control Measure is Operating	If No, In Need of Maintenance, Repair, or	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
Access road gravel cover	ID.	Measure	Effectively?		Control that the time of the control
Access road gravel cover			Wareho		uilding
Replacement					
Additionance   Repair   Replacement   Repair   Replacement   Repair   Replacement	65	Access road gravel cover	☑Yes □No	_	
Earthen berm on west side					
Replacement				The second secon	
	66	Earthen berm on west side	✓Yes □No		
					~
Replacement				10 - CATTO STONE DEMONSTRATION OF THE PROPERTY	
Trapezoidal swale	67	Low wall on north side	MYes □No		
Trapezoidal swale					
Replacement	60				
Gravel cover	68	Trapezoidal swale	MYes ⊔No		
Gravel cover					
Gravel cover		1	Open A		Tower
Replacement   Repair   Replacement	60			DOUGHOUS BROOMS CLOSED BROOKED SECURIOR DE CONTROL DE C	
Maintenance   Repair   Repai	69	Gravel cover	<b>□</b> Yes <b>⊡</b> No		
Slope liners					
Replacement   Cooling Tower	7.0		<b>-</b>	A CONTRACT OF THE CONTRACT OF	
Secondary containment   dike	/0	Slope liners	<b>M</b> Yes <b>□</b> No		
Secondary containment dike					
Secondary containment dike		T	¢ .		
dike	71	Secondary containment	Div. Div.		
Sludge roll- off container inside clean grating	/1		✓ Yes ⊔No		
Sludge roll- off container inside clean grating					
Sludge Foll- off container inside clean grating		T	T		
Inside clean grating	72	Sludge roll- off container	☑Yes □No	Taracana Caracana Car	
Soda ash silo secondary containment  Acid / caustic tank truck unloading secondary containment  Access Road West of Power Plant  Access Road West of Power Plant  Catch basin inserts  Maintenance Repair Replacement  Access Road West of Power Plant  Catch basin inserts  Myes No Repair Replacement  Curb inlet  Maintenance Repair Replacement  Repair Replacement  Repair Replacement  Maintenance Repair Replacement Repair Replacement  Repair Replacement  Repair Replacement  Repair Replacement  Maintenance Repair Replacement  Maintenance Repair Replacement  Mercury control chemicals covered storage dike  Mercury control chemicals Covered storage dike  Mercury control chemicals Covered storage dike  Maintenance Repair Replacement Repair Replacement Repair Replacement Repair Replacement Repair Replacement Repair Replacement Repair	12	inside clean grating		1	
Soda ash shio secondary containment   Maintenance   Repair   Replacement					
Replacement   Replacement   Replacement     Acid / caustic tank truck   Maintenance   Replacement     Acid / caustic tank truck   Maintenance   Replacement     Replacement   Maintenance   Replacement     Replacement   Replacement     Replacement   Replacement     Replacement     Replacement     Replacement     Maintenance   Repair     Replacement     Replacement	72	Soda ash silo secondary	✓Yes □No		
Acid / caustic tank truck unloading secondary containment	13	containment			
74     unloading secondary containment     □ Repair Replacement       75     Catch basin inserts     □ Yes □ No □ Repair Replacement       76     Curb inlet     □ Yes □ No □ Repair Replacement       77     □ Concrete berm w/ shallow gutter and curb inlet     □ Yes □ No □ Repair Replacement       78     □ Mercury control chemicals covered storage dike     □ Yes □ No □ Repair Replacement       80     □ Concrete weir     □ Maintenance Replacement       □ Maintenance Replacement     □ Maintenance Replacement       □ Replacement     □ Maintenance       □ Replacement       □ Maintenance     □ Replacement       □ Replacement       □ Maintenance       □ Replacement       □ Maintenance       □ Replacement       □ Replacement		A aid / aquatia tank truck			
Catch basin inserts	71		MVac DNa		
Access Road West of Power Plant    Maintenance   Maintenance   Repair   Replacement	/4		E i es ano		
Catch basin inserts  Myes No Repair Replacement  Repair Replacement  Maintenance Repair Replacement  Replacement  Replacement  Replacement  Replacement  Repair Replacement  Repair Replacement  Maintenance Repair Replacement  Maintenance Repair Replacement  Replacement  Maintenance Repair Replacement		Contamment	Aggoss		Dlont
Catch basin inserts  Yes No Repair Replacement  Curb inlet  Yes No Repair Replacement  Maintenance Repair Replacement  Replacement  Maintenance Replacement			Access		гіаді
Replacement   Maintenance   Maintenance   Repair   Replacement   Replacement   Repair   Replacement   Replaceme	75	Catch basin inserts	MVes DNo		j grannik j
Concrete berm w/ shallow gutter and curb inlet  77	13	Catch basin miscres	ETCS TIVE		
Concrete berm w/ shallow gutter and curb inlet  Mercury control chemicals covered storage dike  Tyes No  Storm Water Runoff Pond  Repair Replacement Replacement Repair Replacement Repair Replacement					
Concrete berm w/ shallow gutter and curb inlet	76	Curb inlet	₩Ves □No		:
Concrete berm w/ shallow gutter and curb inlet  Mercury control chemicals covered storage dike  Mercury control chemicals covered storage dike  Storm Water Runoff Pond  Concrete weir  Maintenance Repair Repair Replacement  Maintenance Repair Replacement  Maintenance Repair Replacement  Repair Replacement  Repair Replacement  Maintenance Repair Repair Replacement	70	Curb inici	ETCS TIVE		
77 Concrete berm w/ shallow gutter and curb inlet  Mercury control chemicals covered storage dike  Mercury control chemicals covered storage dike  Storm Water Runoff Pond  Concrete weir  Mercury control chemicals covered storage dike  Mercury control chemicals covered storage dike  Mercury control chemicals covered storage dike  Maintenance  Maintenance  Maintenance  Repair  Replacement					
Replacement   Replacement     Mercury control chemicals covered storage dike   Yes \ \sqrt{No} \   Repair \ \sqrt{Replacement}     Replacement   Maintenance \ \sqrt{Repair}     Replacement   Replacement     Replacement   Replacement     Replacement   Replacement     Replacement   Replacement     Replacement   Replacement     Replacement   Replacement     Replace	77	21 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MVes DNo		i sa mara i na
Mercury control chemicals covered storage dike  Mercury control chemicals covered storage dike  Maintenance Repair Replacement  Storm Water Runoff Pond  Concrete weir  Maintenance Runoff Pond  Repair	, ,	gutter and curb inlet	ETCS SINO		
78   Mercury control chemicals covered storage dike					
Storm Water Runoff Pond  Storm Water Runoff Pond  Concrete weir  DYes DNo Replacement  Replacement  Replacement  Replacement  Replacement  Replacement  Replacement  Replacement	78		MVes DNo		
Storm Water Runoff Pond  80 Concrete weir  Storm Water Runoff Pond  Maintenance  Repair	70	covered storage dike	ETCS CINO		
80 Concrete weir		L	Stor		nd
80 Concrete weir			5101		uu
	80	Concrete weir	MYes DNo		
	50			☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
82	Sediment accumulation control	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
83	Chemicals secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
	<b>.</b>	Road Nor	th of Coal Pile Runo	off Pond
85	Coal pile runoff pond	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
86	Low wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	1
90	Box culvert	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
93	Pier secondary containment	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

# Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	✓Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	✓Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	✓Yes □No □ N/A	
5	Waste handling and disposal areas	✓Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	
10	Power Block Area	☑Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes ☐No ☐ N/A	
14	Stormwater Sample Point 001	☑Yes ☐No ☐ N/A	
15	Stormwater Sample Point 002	☑Yes □No □ N/A	
16	Stormwater Sample Point 003	☑Yes □No □ N/A	

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	☑Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes □No □ N/A	ą.
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	☑Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance Describe any incidents of non-compliance observed and not described above: **Additional Control Measures** Describe any additional control measures needed to comply with the permit requirements:

Notes	
Use this space for any additional notes or observations from the inspection:	

#### **CERTIFICATION STATEMENT**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Laboyer SW Compliance Coordnetor

Signature: New Holy 31, 2017



Storm Water Industrial Routine Facility Inspection Form Worksheet No. 4 **General Information Facility Name** AES Puerto Rico, LP NPDES Tracking No. PRR053093 Start/End Time **Date of Inspection** March 23, 2017 1:00 pm / 2:00 pm Inspector's Name(s) Pedro E. Labayen Inspector's Title(s) Stormwater Compliance Coordinator **Inspector's Contact Information** (787) 866-8117 ext. 2215 Inspector's Qualifications Professional Engineer Weather Information Weather at time of this inspection? ☑ Clear ☐ Sleet □ Cloudy Rain ☐ Fog ☐ High Winds Temperature: 80°F Have any previously unidentified discharges of pollutants occurred since the last inspection? \( \subseteq \text{Yes} \) If yes, describe: Are there any discharges occurring at the time of inspection? WYes If yes, describe:

#### **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
			☐ Maintenance	
01	Earth berm	☑Yes □No	☐ Repair	
			☐ Replacement	July 1
			☐ Maintenance	
02	Concrete wall	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	12.000000
03	Rip rap	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
04	Concrete swale	✓Yes □No	☐ Repair	170 12 3. T. M
			☐ Replacement	
			☐ Maintenance	
05	Run-on inlet grate	✓Yes □No	☐ Repair	
			☐ Replacement	
	Polymer secondary		☐ Maintenance	
06	containment	☑Yes □No	☐ Repair	
	Contaminent		☐ Replacement	

W . 474		Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
	-	Firew	ater Pump station A	Area
	Diesel tank secondary		☐ Maintenance	
07	containment	☑Yes □No	☐ Repair	
	Contamment		☐ Replacement	
			☐ Maintenance	
80	Oil / Water Separator	✓Yes □No	☐ Repair	
			☐ Replacement	
		Ea	st Access Road Area	a
			☐ Maintenance	
09	Concrete channel	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
10	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
	Comments associate associate		☐ Maintenance	
11	Concrete swale next to	✓Yes □No	☐ Repair	
	switch yard		☐ Replacement	
		Liqu	id Urea Storage Ar	ea
			☐ Maintenance	
12	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
13	Slope liner	☑Yes □No	☐ Repair	
	1		☐ Replacement	-
	Translation and demo		☐ Maintenance	97
14	Truck secondary containment	✓Yes □No	☐ Repair	
	containment		☐ Replacement	
	Touls accomdons		☐ Maintenance	•
15	Tank secondary containment	☑Yes □No	☐ Repair	
	Contamment		☐ Replacement	
			☐ Maintenance	
16	Concrete berm	☑Yes □No	☐ Repair	
			☐ Replacement	*
	Concrete channel culvert		☐ Maintenance	
17	inlet	<b>☑</b> Yes <b>□</b> No	☐ Repair	
	met		☐ Replacement	
			Oil Drums Storage	
	Covered secondary		☐ Maintenance	
18	containment	✓Yes □No	☐ Repair	
	Contamment		☐ Replacement	
			Ash Silos- spout	
			☐ Maintenance	
19	Ash silos	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
20	Spout connection	✓Yes □No	☐ Repair	
			Replacement	
			☐ Maintenance	
21	Water spray nozzles	✓Yes □No	☐ Repair	
			☐ Replacement	

	ABOVE TO STATE OF THE STATE OF	Control	If No, In Need of	Corrective Action Needed and Notes
	is a problem the appropriate.	Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
			☐ Maintenance	
22	Water hose	☑Yes □No	☐ Repair	
			☐ Replacement	
	J <sub>1</sub>	]	Diesel Fuel Storage	
			☐ Maintenance	
23	Tank truck secondary	DIV. DN.	☐ Repair	
23	containment	<b>☑</b> Yes <b>□</b> No	☐ Replacement	
	Tanks secondary		☐ Maintenance	
24	containment	☑Yes □No	☐ Repair	
	Contaminent		Replacement	
	Drin none for vehicle /		☐ Maintenance	
25	Drip pans for vehicle /	☑Yes □No	☐ Repair	
	equipment fueling		☐ Replacement	× * * * * * * * * * * * * * * * * * * *
		A	GREMAX Stockpile	2
			☐ Maintenance	
26	Gabion wall	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	· · · · · · · · · · · · · · · · · · ·
27	10 feet buffer zone	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
28	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
32	Covered conveyors	☑Yes □No	☐ Repair	
32	Covered conveyors	4103 <b>4</b> 110	☐ Replacement	
			☐ Maintenance	
35	Wheel wash	☑Yes □No	☐ Repair	
33	Wheel Wash	E 165 ENO	☐ Replacement	
			☐ Maintenance	
37	Concrete channel	✓Yes □No	☐ Repair	A SA SANDON POR
37	Concrete channel	E 103 - 110	☐ Replacement	
	L		Gate #3	
		T	☐ Maintenance	
39	Road grating (2)	☑Yes □No	☐ Repair	
37	Road grating (2)	ETCS TIVE	☐ Replacement	
			☐ Maintenance	
40	Curb	☑Yes □No	☐ Repair	
40	Curb	E 1 es = NO	☐ Replacement	
			☐ Maintenance	
41	Conta minutes	My DN	1	un trop and 1901 is
41	Curb riprap	<b>☑</b> Yes □No	☐ Repair	
			Replacement	
40	G1 1'		☐ Maintenance	a market die 18 date 1
42	Slope liner	☑Yes □No	Repair	
			Replacement	
40	0 (6.11		☐ Maintenance	in the complete in
43	Outfall riprap	☑Yes □No	☐ Repair	The Committee of the Co
			☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
45	Concrete wall	☑Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
		AGREMA	X Stockpile Perime	ter Road
48	Gravel cover	□Yes ☑No	<ul><li>✓ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	Gravel cover has not been effective in controlling erosion at road located south of Agremax pile.
49	Concrete channel	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
50	Low wall	☑Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
51	Run on outfall	□Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
		,	Coal Stockpile	
52	Runoff pond	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
53	Super silt fence	<b>☑</b> Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
54	Sediment trap	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
55	Concrete swale	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
56	Wheel washer	<b>☑</b> Yes □No	☐ Maintenance☐ Repair☐ Replacement	The silt fence installed at the heavy equipment washing area was replaced.
57	Riprap in channel and slopes	☑Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
		Heavy Eq	uipment Maintenan	ce Shop
61	Floor grating	☑Yes □No	<ul><li>□ Maintenance</li><li>□ Repair</li><li>□ Replacement</li></ul>	
62	Oil / Water Separator	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
63	Used oil storage tank and drums secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
64	Recyclable metals roll-off container cover	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
			use / Urea Storage B	uilding
			☐ Maintenance	
65	Access road gravel cover	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
66	Earthen berm on west side	✓Yes □No	☐ Repair	
			☐ Replacement	
<i>(</i> =	T	<b>-</b>	☐ Maintenance	
67	Low wall on north side	✓Yes □No	☐ Repair	
			Replacement	
68	Transgoidal syvala	<b>☑</b> Yes □No	☐ Maintenance	
08	Trapezoidal swale	res uno	☐ Repair	
		Open A	Replacement rea West of Cooling	Towar
		Open A	Maintenance	Tower
69	Gravel cover	□Yes ☑No	☐ Repair	
0,	Siaver cover	<b>—</b> 103 E110	☐ Replacement	
			☐ Maintenance	
70	Slope liners	☑Yes □No	Repair	
	1		☐ Replacement	
			Cooling Tower	
	Sacandam, containment	☑Yes □No	☐ Maintenance	
71	Secondary containment dike		☐ Repair	
	dike		☐ Replacement	·
		7	Water Treatment	
	Sludge roll- off container		☐ Maintenance	
72	inside clean grating	✓Yes □No	☐ Repair	
			Replacement	
73	Soda ash silo secondary	My Dy	☐ Maintenance	
13	containment	☑Yes □No	☐ Repair	
	Acid / caustic tank truck	✓Yes □No	☐ Replacement☐ Maintenance☐	
74	unloading secondary		☐ Repair	
, ,	containment		☐ Replacement	The second of th
		Access	Road West of Power	Plant
		Treess .	☐ Maintenance	Tant
75	Catch basin inserts	☑Yes □No	☐ Repair	
			☐ Replacement	10680900
			☐ Maintenance	
76	Curb inlet	☑Yes □No	☐ Repair	v i v interpretario
			☐ Replacement	
	Concrete berm w/ shallow		☐ Maintenance	
77	gutter and curb inlet	☑Yes □No	☐ Repair	10 8 1 00 1
	gutter and curb inict		☐ Replacement	
	Mercury control chemicals		☐ Maintenance	
78	covered storage dike	☑Yes □No	☐ Repair	, = 1
			☐ Replacement	
		Stor	m Water Runoff Por	nd
80	Congrata vyoir	Myos DN-	☐ Maintenance	
80	Concrete weir	<b>☑</b> Yes □No	☐ Repair☐ Replacement☐	
		1	- Keptacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
82	Sediment accumulation control	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
83	Chemicals secondary containment	<b>☑</b> Yes □No	☐ Maintenance☐ Repair☐ Replacement	
		Road No.	rth of Coal Pile Run	off Pond
85	Coal pile runoff pond	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
86	Low wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	<b>Z</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	☑Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	✓Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	☑Yes □No □ N/A	
5	Waste handling and disposal areas	☑Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	☑Yes □No □ N/A	
10	Power Block Area	☑Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	✓Yes □No □ N/A	
13	Marine Dock Area	☑Yes ☐No ☐ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	
15	Stormwater Sample Point 002	□Yes ☑No □ N/A	A diversion system will be constructed as an additional erosion control at that drainage area.

- X = T.	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
16	Stormwater Sample Point 003	☑Yes □No □ N/A	
17	Run-on storm water conveyance system	☑Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	☑Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance Describe any incidents of non-compliance observed and not described above: **Additional Control Measures** Describe any additional control measures needed to comply with the permit requirements: An evaluation of the storm water drainage has been performed in order to reduce potential sedimentation at outfall 002. A diversion system has been proposed in order to address erosion potential from the road located south from the Agremax pile.

Notes				
Ise this space for any additional notes or observations from the inspection:				

### **CERTIFICATION STATEMENT**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Lebeyn Sw Compliance Coordinate

Signature: Jello C May Date: March 23, 2017



Storm Water Industrial Routine Facility Inspection Form

Worksheet No. 4

General Information				
Facility Name	AES Puerto Rico, LP			
NPDES Tracking No.	PRR053093			
Date of Inspection	March 14, 2017	Start/End Time	9:00 am / 11:00 am	
Inspector's Name(s)	Pedro E. Labayen			
Inspector's Title(s)	Stormwater Compliance Co	oordinator		
Inspector's Contact Information	(787) 866-8117 ext. 2215			
Inspector's Qualifications	Professional Engineer			
	Weather Int	formation	LUMB I HAVE THE RESERVED TO THE	
Weather at time of this inspection?  ☑ Clear □Cloudy □ Rain □ Sleet □ Fog □ High Winds □ Other: Temperature: 80°F				
Have any previously unidentified discharges of pollutants occurred since the last inspection? ☐Yes ☐No If yes, describe:				
Are there any discharges occurring at the time of inspection? □Yes ☑No If yes, describe:				

# **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
		Run-on	Control (Northeast	Area)
01	Earth berm	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
02	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
03	Rip rap	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
04	Concrete swale	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
05	Run-on inlet grate	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	Company Company
06	Polymer secondary containment	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

10	A trivetor of the	Control	If No, In Need of	Corrective Action Needed and Notes
	Structural Control	Measure is	Maintenance,	(identify needed maintenance and repairs, or any
ID.	Measure Measure	Operating Effectively?	Repair, or	failed control measures that need replacement)
ш.	Mieasure		Replacement?	AND THE CASE OF TH
	T	Firew	vater Pump station A	Area
07	Diesel tank secondary	✓Yes □No	☐ Repair	
07	containment	ET LES TINO	Replacement	
			☐ Maintenance	
08	Oil / Water Separator	✓Yes □No	☐ Repair	
	On / Water Separator	2103 2110	☐ Replacement	
		Ea	st Access Road Area	3
			☐ Maintenance	
09	Concrete channel	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
10	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
	Concrete swale next to		☐ Maintenance	
11	switch yard	☑Yes □No	☐ Repair	
	switch yard		☐ Replacement	
		Liqu	uid Urea Storage Ar	ea
			☐ Maintenance	
12	Low wall	☑Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
13	Slope liner	☑Yes □No	☐ Repair	
			Replacement	
14	Truck secondary	Elvas DNa	☐ Maintenance	
14	containment	✓Yes □No	☐ Repair☐ Replacement	
			☐ Maintenance	
15	Tank secondary	☑Yes □No	☐ Repair	
	containment	ETCS TNO	Replacement .	
			☐ Maintenance	
16	Concrete berm	☑Yes □No	☐ Repair	
			☐ Replacement	
	Concrete channel culvert		☐ Maintenance	
17	inlet	☑Yes □No	☐ Repair	
	met		☐ Replacement	
			Oil Drums Storage	
	Covered secondary		☐ Maintenance	
18	containment	✓Yes □No	☐ Repair	Used oils were removed by an authorized
			Replacement	external company (Olein) for recycling.
		1	Ash Silos- spout	
19	Ash silos	My DN	☐ Maintenance	
19	Asii siios	<b>☑</b> Yes □No	☐ Repair	
			☐ Replacement☐ Maintenance☐	
20	Spout connection	✓Yes □No	☐ Repair	
20	Spout connection	<b>—</b> 105 <b>—</b> 140	□ Replacement	
			☐ Maintenance	
21	Water spray nozzles	✓Yes □No	Repair	
	1		☐ Replacement	

145,7 A		Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
-	Structural Control	Operating	Repair, or	failed control measures that need replacement)
D.	Measure	Effectively?	Replacement?	Const. To the Constitution of the Constitution
	337 1		☐ Maintenance	
22	Water hose	✓Yes □No	☐ Repair	in the second se
		<u> </u>	Replacement	
		L	Diesel Fuel Storage  Maintenance	
	Tank truck secondary		☐ Repair	
23	containment	☑Yes □No	☐ Replacement	
	Contaminant		Replacement	
	Tanks secondary		☐ Maintenance	
24	containment	☑Yes □No	☐ Repair	
	Contaminent		☐ Replacement	
	Drip pans for vehicle /		☐ Maintenance	
25	equipment fueling	☑Yes □No	☐ Repair	
	equipment ruening		☐ Replacement	
		AC	GREMAX Stockpile	
			☐ Maintenance	
26	Gabion wall	☑Yes □No	Repair	2 2 2 2
			☐ Replacement	
			☐ Maintenance	
27	10 feet buffer zone	☑Yes □No	Repair	- 1 T- 2
			Replacement	
	_		☐ Maintenance	v v v v v v v v v v v v v v v v v v v
28	Low wall	☑Yes □No	Repair	
			Replacement	
		<b>—</b>	☐ Maintenance	
32	Covered conveyors	☑Yes □No	Repair	*
			Replacement	<u> </u>
2.5	3371 1 1		☐ Maintenance	and the second of the second o
35	Wheel wash	☑Yes □No	☐ Repair	The wheel wash station has been out of service since
			☐ Replacement☐ Maintenance☐	agremax transportation was suspended.
27	Compute about	Myon DNo		
37	Concrete channel	✓Yes □No	☐ Repair☐ Replacement	
			Gate #3	
			☐ Maintenance	An evaluation of the storm water drainage has
39	Road grating (2)	☑Yes □No	☐ Repair	been performed in order to reduce potential
39	Road grating (2)	Ercs and	☐ Replacement	sedimentation at outfall 002.
			☐ Maintenance	Seamonation at outlan 602.
40	Curb	☑Yes □No	☐ Repair	
10	Curb	<b>1</b> 103 <b>1</b> 10	☐ Replacement	
			☐ Maintenance	
41	Curb riprap	☑Yes □No	Repair	
	Curo riprup		☐ Replacement	
			☐ Maintenance	*
42	Slope liner	<b>☑</b> Yes <b>□</b> No	Repair	
	r		☐ Replacement	
			☐ Maintenance	
43	Outfall riprap	☑Yes □No	☐ Repair	
	~ ~		☐ Replacement	

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
44	Sampling Point Outfall 002	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
45	Concrete wall	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
		AGREMA	X Stockpile Perime	ter Road
48	Gravel cover	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
49	Concrete channel	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
50	Low wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
51	Run on outfall	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		9	Coal Stockpile	
52	Runoff pond	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
53	Super silt fence	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
54	Sediment trap	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
55	Concrete swale	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
56	Wheel washer	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	The silt fence installed at the heavy equipment washing area was replaced.
57	Riprap in channel and slopes	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
		Heavy Eq	uipment Maintenan	ce Shop
61	Floor grating	<b>☑</b> Yes <b>□</b> No	☐ Maintenance ☐ Repair ☐ Replacement	
62	Oil / Water Separator	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
63	Used oil storage tank and drums secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
64	Recyclable metals roll-off container cover	□Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

	Structural Control	Control Measure is Operating	If No, In Need of Maintenance, Repair, or	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	Control of the Contro
	<del></del>	Wareho	use / Urea Storage B	uilding
<i>(</i> 5	A		☐ Maintenance	
65	Access road gravel cover	☑Yes □No	☐ Repair	
			Replacement	
"	Forther house or sout side	My Dy	☐ Maintenance	
66	Earthen berm on west side	☑Yes □No	☐ Repair	
			Replacement	
(7	T annuall an anotherida	Diver Dive	☐ Maintenance	
67	Low wall on north side	☑Yes □No	☐ Repair	
			☐ Replacement☐ Maintenance	
60	Transgaidal gyvala	☑Yes □No		
68	Trapezoidal swale	Mres uno	☐ Repair	
		0	☐ Replacement	T
	T	Open A	rea West of Cooling  Maintenance	10wer
(0	C1			
69 -	Gravel cover	□Yes ☑No	☑ Repair	
			Replacement	
70	Clanalinana	✓Yes □No	☐ Maintenance	
70	Slope liners	Mies Ino	☐ Repair	
			☐ Replacement	
	T	T	Cooling Tower	
71	Secondary containment	✓Yes □No	☐ Maintenance	
71	dike	Mires Lino	☐ Repair☐ Replacement	
			Water Treatment	
	T	T	☐ Maintenance	
72	Sludge roll- off container	☑Yes □No	☐ Repair	
12	inside clean grating	ETES TINO	☐ Replacement	
			☐ Maintenance	
73	Soda ash silo secondary	☑Yes □No	☐ Repair	
13	containment	MICS THO	☐ Replacement	
	Acid / caustic tank truck	<del> </del>	☐ Maintenance	
74	unloading secondary	☑Yes □No	☐ Repair	
/4	containment	ETCS TIVE	☐ Replacement	
	contamment	Access	Road West of Power	Plant
		Access	☐ Maintenance	1 lant
75	Catch basin inserts	☑Yes □No	☐ Repair	
13	Catch basin miserts	E 103 THO	☐ Replacement	
			☐ Maintenance	
76	Curb inlet	☑Yes □No	☐ Repair	
70	Curb mict	ETCS TINO	☐ Replacement	
	3		☐ Maintenance	
77	Concrete berm w/ shallow	☑Yes □No	☐ Repair	
, ,	gutter and curb inlet		☐ Replacement	
			☐ Maintenance	
78	Mercury control chemicals	☑Yes □No	☐ Repair	
70	covered storage dike	<b>1</b> 103 <b>1</b> 10	☐ Replacement	
	1	Stor	rm Water Runoff Po	nd
		5101	☐ Maintenance	AA.
80	Concrete weir	☑Yes □No	☐ Repair	
	Concrete weir	- 103 - 110		

ID.	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
81	Riprap channel	☑Yes □No	☐ Maintenance☐ Repair☐ Replacement	
82	Sediment accumulation control	<b>☑</b> Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
83	Chemicals secondary containment	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
		Road Nor	th of Coal Pile Runo	off Pond
85	Coal pile runoff pond	☑Yes □No	<ul><li>☐ Maintenance</li><li>☐ Repair</li><li>☐ Replacement</li></ul>	
86	Low wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
87	Riprap in channel and slopes	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
88	Concrete wall	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
89	Concrete beam	<b>☑</b> Yes <b>□</b> No	☐ Maintenance ☐ Repair ☐ Replacement	
90	Box culvert	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
91	Sampling Point Outfall 003	<b>☑</b> Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
			Marine Dock	
92	Collection manifold	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
93	Pier secondary containment	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
94	Sampling Point Outfall 001	✓Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	
95	Conveyor TCI	☑Yes □No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	✓Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	☑Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	☑Yes □No □ N/A	
5	Waste handling and disposal areas	☑Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	☑Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	☑Yes □No □ N/A	
9	Water Treatment Area	✓Yes □No □ N/A	
10	Power Block Area	✓Yes □No □ N/A	
11	Administration Building Area	☑Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	☑Yes □No □ N/A	
13	Marine Dock Area	☑Yes □No □ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	
15	Stormwater Sample Point 002	☑Yes □No □ N/A	
16	Stormwater Sample Point 003	☑Yes □No □ N/A	

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
17	Run-on storm water conveyance system	☑Yes □No □ N/A	
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	☑Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	☑Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes. □No □ N/A	
23	Coal Crusher Building	☑Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance Describe any incidents of non-compliance observed and not described above: **Additional Control Measures** Describe any additional control measures needed to comply with the permit requirements:

	Notes					
Use this space for any additional notes or observations from the inspection:						
see this space for any additional notes of observations from the inspection.						
	× ·					

# CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Pedro E. Labayer SW Compliance Coordinator

Signature: March 14, 2017



	MSGP Quarterly Visual Asses	sment Form	Worksheet No. 6
	(Complete a separate form for each outfal		
Name of Facility: AES Puerto Rico, L.P.	NPDES Tracking No	o. PRR053093	
Outfall Name: 001 "Substantially Identi	cal Outfall"? No  Yes		
Person(s)/Title(s) collecting sample: Pedro E. Lab	ayen		
Person(s)/Title(s) examining sample: Pedro E. Lal	bayen / Storm Water Compliance Coo	rdinator	
Date & Time Discharge Began: (4/26/18 5:10 pm)	Date & Time Sample Collected: (4/26/18 5:	40 pm) Date & Time Sa	ample Examined: (4/26/18 6:10 pm)
Substitute Sample? 🖂 No   🗌 Yes (identify qu	uarter/year when sample was originally s	cheduled to be collected):	
Nature of Discharge: 🛛 Rainfall 🔲 Snowmelt			
	Previous Storm Ended > 72 hours Before Start of This Storm?	Yes No*	
	Parameter		
Color None Other (describe):			
Odor None Musty Sewage Solvents Other (describe):	Sulfur Sour Petroleum/G	as	
Clarity   Clear   Slightly Cloudy   Clear	Cloudy 🛛 Opaque 🗌 Other		
Floating Solids No Yes (describe):			
Settled Solids** ☐ No ☐ Yes Particulate	matter observed after 30 min. Soil matte	r from the entrance road w	as observed on the dock area.
Suspended Solids No Yes (describe):			
Fram (gently shake sample) 🛛 No 🔲 Yes (d	lescribe):		
∴ heen None Flecks Globs [  Other (describe):	Sheen Slick		
Other Obvious Indicators of No Yes Stormwater Pollution	s (describe):		
Sampling not performed due to no measurable	e storm event occurring that resulted	in a discharge during the	e monitoring quarter:
No  ☐ Yes (describe):			
* The 72-hour interval can be waived when the previous than a 72-hour interval is representative of local storm e	storm did not yield a measurable discharge ovents during the sampling period.	or if you are able to document	(attach applicable documentation) that less
** Observe for settled solids after allowing the sample to	sit for approximately one-half hour.		
2.67	-1.4		
Detail any concerns, additional comments, des necessary). A section of the road that access the equipment routinely used for housekeeping in that mmediately once the road is safe.	dock area was damage by coastal erosic	on generated during Hurrica	ane Maria. This limited the use of heavy
Certification by Facility Responsible Official (Refer to	o MSGP Subpart 11 Appendix B for Signat	ory Requirements)	
certify under penalty of law that this document and all a qualified personnel properly gathered and evaluated the directly responsible for gathering the information, the infosignificant penalties for submitting false information, including	information submitted. Based on my inquiry or prmation submitted is, to the best of my know	of the person or persons who ledge and belief, true, accurate	manage the system, or those persons
A. Name: Pedro E. Labayen	B. Title: S	Storm Water Compliance Cool	rdinator
nature: The Company	D. Date S	igned: 4/26/2018	



MSGP Quarterly Visu	al Assessment Form	Worksheet No. 6
(Complete a separate form		
•	Fracking No. PRR053093	
Outfall Name: 002 "Substantially Identical Outfall"?   No	Yes	
Person(s)/Title(s) collecting sample: Pedro E. Labayen		
Person(s)/Title(s) examining sample: Pedro E. Labayen / Storm Water Compl	ance Coordinator	
Date & Time Discharge Began: 4/26/18 (5:30 pm) Date & Time Sample Collected:	1/26/18 (5:45 pm) Date & Time Sample Examine	ed: 4/26/18 (6:15 pm)
Substitute Sample? 🛛 No 🛘 🗎 Yes (identify quarter/year when sample was	originally scheduled to be collected):	
Nature of Discharge: 🛛 Rainfall 🔲 Snowmelt		
f rainfall: Rainfall Amount: 0.13 inch Previous Storm Ended > 72 ho Before Start of This Storm?	ours 🛛 Yes 🗌 No*	
Paran	eter	
Color None Other (describe):  Odor None Musty Sewage Sulfur Sour F  Solvents Other (describe):	etroleum/Gas	
Clarity 🗌 Clear 🛛 Slightly Cloudy 🔲 Cloudy 🔲 Opaque 🔲 C	ther	
Floating Solids No Yes (describe):  Settled Solids** No Yes  Suspended Solids No Yes (describe):		
n (gently shake sample) 🛛 No 🔲 Yes (describe):		
Dil Sheen ⊠ None □ Flecks □ Globs □ Sheen □ Slick □ Other (describe):		
Other Obvious Indicators of No Yes (describe): Stormwater Pollution		
Sampling not performed due to no measurable storm event occurring that result	ed in a discharge during the monitoring quarter:	
No  ☐ Yes (describe):		
The 72-hour interval can be waived when the previous storm did not yield a measurable han a 72-hour interval is representative of local storm events during the sampling period		ble documentation) that less
* Observe for settled solids after allowing the sample to sit for approximately one-half ho	ır.	
Detail any concerns, additional comments, descriptions of pictures taken, necessary).	and any corrective actions taken below (attach	additional sheets as
Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix	3 for Signatory Requirements)	
certify under penalty of law that this document and all attachments were prepared under ualified personnel properly gathered and evaluated the information submitted. Based on irectly responsible for gathering the information, the information submitted is, to the best ignificant penalties for submitting false information, including the possibility of fine and in	my inquiry of the person or persons who manage the sy of my knowledge and belief, true, accurate, and complet	stem, or those persons
Name: Pedro E. Labayen	B. Title: Storm Water Compliance Coordinator	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
S. Signature: July & Ly	D. Date Signed: 4/26/2018	



. M	ISGP Quarterly Visua			Worksheet No. 6
	(Complete a separate form for	-	Andrews and a series of	
Name of Facility: AES Puerto Rico, L.P.		Ü	PRR053093	
Outfall Name: 003 "Substantially Identication		Yes		
Person(s)/Title(s) collecting sample: Pedro E. Laba	yen			
Person(s)/Title(s) examining sample: Pedro E. Laba	ayen / Storm Water Complia	nce Coordinator	r	
Date & Time Discharge Began: 4/26/17 (5:30 pm)	Date & Time Sample Collected: 4/	26/17 (6:00 pm)	Date & Time Sample Exami	ned: 4/26/18 (6:30 pm)
Substitute Sample? No Pes (identify qua	arter/year when sample was o	riginally schedule	d to be collected):	
Nature of Discharge: 🛛 Rainfall 🔲 Snowmelt				
	revious Storm Ended > 72 hou efore Start of This Storm?	ırs 🛚 Yes	□ No*	
	Parame			
Color None Other Tannins (clear ye	vellow) - Organic matter genera	ated by vegetative	e material residue.	
Odor None Musty Sewage Solvents Other (describe):	Sulfur Sour Pe	troleum/Gas		
Clarity 🖂 Clear 🗌 Slightly Cloudy 🔲 Cl	loudy Dpaque Dth	ier		
Floating Solids No Yes (describe):				
Settled Solids** ⊠ No ☐ Yes				
Suspended Solids 🛛 No 🗌 Yes (describe):				
n (gently shake sample) 🛛 No 🔲 Yes (de	scribe):			
Oil Sheen ⊠ None □ Flecks □ Globs □ □ Other (describe):	Sheen Slick			
Other Obvious Indicators of	(describe):			
Sampling not performed due to no measurable storn	n event occurring that resulted	d in a discharge d	uring the monitoring quarter:	
No ☐ Yes (describe):				
* The 72-hour interval can be waived when the previous si than a 72-hour interval is representative of local storm eve		lischarge or if you a	are able to document (attach applic	cable documentation) that less
** Observe for settled solids after allowing the sample to s	it for approximately one-half hour	τ,		
Detail any concerns, additional comments, descr necessary).	riptions of pictures taken, a	nd any correctiv	e actions taken below (attacl	h additional sheets as
Certification by Facility Responsible Official (Refer to	MSGP Subpart 11 Appendix B	for Signatory Req	uirements)	
certify under penalty of law that this document and all atta qualified personnel properly gathered and evaluated the in directly responsible for gathering the information, the infon significant penalties for submitting false information, include	tachments were prepared under r information submitted. Based on n mation submitted is, to the best o	my direction or supe my inquiry of the per of my knowledge an	ervision in accordance with a syste rson or persons who manage the s d belief, true, accurate, and compl	system, or those persons
A. Name: Pedro E. Labayen		B. Title: Storm Wa	ater Compliance Coordinator	
C. Signature: Pylo & Ly		D. Date Signed:	4/26/2018	

AES Puerto Rico Discharge Monitoring Reports Year 2016

									The same of the sa				
			Outfall 001	1001			Outfall 002	11 002			Outfall 003	II 003	
Quarter	Period	Total Fe	Total Al	Total Pb	Total Zn	Total Fe	Total Al	Total Pb	Total Zn	Total Fe	Total Al	Total Pb	Total Zn
		(I/gm)	(I/Bm)	(mg/l)	(mg/l)	(I/gm)	(I/gm)	(I/gm)	(I/gm)	(I/gm)	(I/gm)	(I/gm)	(I/gm)
1	ENE-MAR 2016	1.18	1.52	0.002	0.089	14	17.1	0.005	0.113	0.305	0.208	0.002	0.022
2	ABR-JUN 2016	0.733	0.682	0.002	60.0	4.69	8.3	0.002	0.064	0.186	0.205	0.002	0.036
33	JUL-SEP 2016	na	na	na	na	0.222	0.254	0.004	0.02	0.337	0.427	0.002	0.061
4	OCT-DEC 2016	0.776	1.13	0.002	0.287	0.22	0.207	0.002	0.038	0.188	0.242	0.002	0.034
Quarterly	Quarterly AVERAGE	6.0	1.111	0.002	0.155	4.783	6.465	0.003	0.059	0.254	0.271	0.002	0.038
Вепсһта	Benchmark Concentration	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260

ND = No Discharge

1) training SWPPP

2) Training Durk Catrol

3) annual Report - January 2017

9) 2018 and terry Virual

5) Rail dete Oills 203/18

# AES Puerto Rico Discharge Monitoring Reports Year 2017

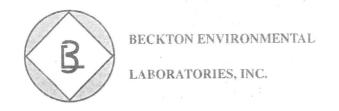
		1 Cai 2017			
		Outfall 001		Outfall 002	003
Quarter	Period	Total Fe (mg/l)		Total Fe (mg/l)	Fe mgle
1	ENE-MAR 2016	1.18		14	. 305
2	ABR-JUN 2016	0.733		4.69	. 186
3	JUL-SEP 2016	G	.08. RVG	0.222 /490	. 337
4	OCT-DEC 2016	0.776	. 0	0.22 2	. 188
1	ENE-MAR 2017	1.64		12.8	
2	ABR-JUN 2017	0.322		1.88	2
3	JUL-SEP 2017	NA		2.51	7/
4	OCT-DEC 2017	NA J		0.063	
Quarterly A	AVERAGE	1.08		0.063	V7 95
Benchmark	Concentration	1.0		1.0	, 8

ND = No Discharge

G = Sampling Equipment Failure ( Sample not kke)

May 17, 2018 0.593 mg/L 502-March 2018 502-March 2018 sample not Jaken

Value met Dechmark AES discontinued samply at OOI Sampling Equipment ) dames duy
as der repair / La Maria Mannel sampling at 002





# REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** March 7, 2016

**CONTRACT**: AES - Guayama

LAB. SAMPLE ID: BEL-1600573

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 4:10 PM

**SAMPLE DATE: 02/19/16** 

**DESCRIPTION: Stormwater 001** 

LAB. FILE ID: 1600573

DATE RECEIVED: 02/22/16

MATRIX: Water (Storm Water)

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1600573 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	1.52	0.005	BTR	03/02/16
Iron	200.7(ICAP)	Grab	mg/L	1.18	0.010	BTR	03/02/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	03/01/16
Zinc	200.7(ICAP)	Grab	mg/L	0.089	0.002	BTR	03/01/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Iris M. Chévere

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample esults related only to the sample submitted.

Lcda. Iris M. Chévere Alf Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

# CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AFS GUOYE	ahic	SAMPLER Redro E. Labayer
SAMPLE LOCATION/CLIEN	OI TI	Storn Wat	ter	TIME 4:10 M CONTROL NO.
SAMPLE DATE		2 19/16		BEL. NO. 186841
General Environmental:     A sidifficial Control Control	PC	VSS	PC	Sampling Witness; Date/Time:
Acidity ( ) Ammonia as N ( )		Alkalinity ( ) Bicarbonate ( )		
BOD-5 ( )		Bromide ( )		Relinquished by:
Chloride ( )		Chlorine, Res. ( )		Tell C. Kaj
COD ( )		Color (ADMI) ( )		Date/Time: 2/22/16 9:15 AM
Conductivity µmhos/cm ( )	-	Color (Pt-Co) ( )	-	
Dissolved Oxygen ( )		Cyanide ( )		Received by:
Hardness ( )		Fluoride ( )		3 / Edgordo L KViz
Moisture % ( )	-	lodide ( )		Date/Time: 0915
Nitrite ( )		Nitrate ( )	-	
Oil+Grease ( ) Phenol ( )	-	Nitrate + Nitrite ( ) pH, S.U. ( )		Relinquished by:
Phosphorus, Total ( )	-	Phosphate, Ortho ( )	-	
Sett Solids mg/L ( )	-	Sett. Solids mL/L ( )		Date/Time: 2/22/16 7:3/ Pm
Sulfate ( )	-	Solids, Total ( )		Date Time.
Sulfite ( )	-	Sulfide ( )		Received by:
TDS ( )		Surfactant ( )		ofte hely
Temperature, °C ( )	-	TSS ( )		Date/Time: 2/22/11 2:36M
TOC ( )		TKN ( )		
Asbestos ( )		Turbidity ( )		Relinquished by:
TVS ( )	-	Carbonate ( )	-	
Total Nitrogen ( )				Date/Time:
2. Metals: Aluminum (Al) (Al)	,	Cadmium (Cd) ( )		Manage and the second s
Aluminum (Al) (Cr) (		Copper (Cu) ( )		Received by:
Iron (Fe) (K)		Lead (Pb)		
Manganese (Mn) ()		Mercury (Hg) ( )		Date/Time:
Nickel (Ni) ()		Selenium (Se) ( )		
Silver (Ag) ( )		Tin (Sn) ( )		Matrix
Zinc $(Zn)$		Arsenic (As) ( )		air ( ) water (×) sludge ( )
Barium (Ba) ( )	number of the last	Boron (B) ( )		
Antimony (Sb) ( )		Beryllium (Be) ( )		liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( )		Calcium (Ca) ( )		oil ( ) mixed ( ) other ( )
Chromium, VI (CrVI) ( ) Magnesium (Mg) (- )		Cobalt (Co) ( ) Molybdenum (Mo) ( )		21
Magnesium (Mg) ( ) Potassium (K) ( )	-	Silicon (Si) ( )		Specify: Storn whter
Sodium (Na) ( )		Strontium (Sr) ( )	-	
Thallium (Tl) ( )	-	Titanium (Ti) ( )		Preservative Codes = PC
Vanadium (V) ( )		Lithium (Li) ( )		
				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)( )	and the second	Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )		TCLP ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )	-	Organics-Pest/Herb ( )		4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA ( ) TOX ( )	-	Organics-VOA ( )		5. Sodium Thiosulfate 10.Other
10%				5. Soulum Thiosurface To.Other
4. Specific Organics		Phenols GC ( )		Sample type legend:
Volatiles ( )		Semi-Volitiles (BNA) ( )		Sample type legend:
Pesticides/PCB's ( )		PCB's Only ( )		grab samples x
Herbicides ( )		TPH 418.1 ( )		composite samples xx
BTEX ( )		TTO ( )		
TTO & Dioxin ( )		TPH 8015 ( )		Turnaround time: Sampling Equipment:
5 MC - 11-1-		Lindane ( )		1 des ( ) Antenette Cennel ( )
5. Microbiology		Total Coliform		1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform ( )	-	2 days ( ) Sample Pick Up ( )
				3 days ( )
Comments:				5 days ( )
				• • •
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.





### REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** March 7, 2016

CONTRACT: AES - Guayama

**SAMPLE DATE: 02/19/16** 

**DESCRIPTION:** Stormwater 002

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 4:05 PM DATE RECEIVED: 02/22/16

LAB. SAMPLE ID: BEL-1600574

LAB. FILE ID: 1600574

MATRIX: Water (Storm Water)

_								
	PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1600574 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
	Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	17.1 14.0 0.005 0.113	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	03/02/16 03/02/16 03/01/16 03/01/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Iris M. Chévere Alfonzo ic # 2376

OLICEN

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained Report of Analysis has been authorized by the Laboratory Manager or the to the sample submitted. Manager's Designee. Sample results related only

Lcda. Iris M. Chévere Alfo Laboratory Director

Chemist License 2370

A 1569985

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

# CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	150	408	eq + Pedro E. Labayer
SAMPLE LOCATION/CLIEN	NT ID	Storm Wa	ter	002 TIME 4:05 M CONTROL NO.
SAMPLE DATE		2/19/16	***************************************	BEL. NO. 1400574 186842
1. General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ( )		Alkalinity ( )		Date/Time:
Ammonia as N ( ) BOD-5 ( )	and the same of th	Bicarbonate ( )		Relinquished by: //
Chloride ( )		Bromide ( ') Chlorine, Res. ( )		Vida & hos
COD		Color (ADMI)	-	
Conductivity µmhos/cm ( )	Whenesternan	Color (Pt-Co) ( )	NAME AND ADDRESS OF	Date/Time: 2/12/16 9:15 Ay
Dissolved Oxygen ( )		Cyanide ( )	-	Received by:
Hardness ( )	-	Fluoride ( )		Edgordo L'Ilvia
Moisture % ( )		lodide ( )		Deta/Times
Nitrite ( ) Oil+Grease ( )		Nitrate ( )		
Phenol ( )		Nitrate + Nitrite ( ) pH, S.U. ( )	No. of Concession	Relinquished by:
Phosphorus, Total ( )		Phosphate, Ortho ( )	-	5
Sett Solids mg/L ( )		Sett. Solids mL/L ( )		Date/Time: 2/22/16 2:350
Sulfate ( )	-	Solids, Total ( )		
Sulfite ( )		Sulfide ( )		Received by:
TDS ( )		Surfactant ( )		The hey
Temperature, °C ( )		TSS ( )	-	Date/Time: 2/22/16 2:35 pm
Asbestos ( )	-	TKN ( ) Turbidity ( )		Relinquished by:
rvs ( )		Carbonate ( )	. —	Remiquished by.
Total Nitrogen ( )		Carbonate ( )		
2. Metals:				Date/Time:
Aluminum (Al) (X)	1,	Cadmium (Cd) ( )		Received by:
Chromium (Cr) ( )		Copper (Cu) ( )		received by.
ron (Fe) (x)	1,	Lead (Pb) (X)	1	D-4-/T'
Manganese (Mn) ( ) Nickel (Ni) ( )		Mercury (Hg) ( )	-	Date/Time:
Silver (Ag) ( )		Selenium (Se) ( ) Tin (Sn) ( )		Madrin
Zinc $(Zn)$	1,	Arsenic (As) ( )	-	Matrix
Barium (Ba) ( )		Boron (B) ( )		air () water ( $\chi$ ) sludge ()
Antimony (Sb) ( )		Beryllium (Be) ( )		liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( )		Calcium (Ca) ( )		oil () mixed () other ()
Chromium, VI (CrVI) ( )		Cobalt (Co) ( )		on ( ) mixed ( ) other ( )
Magnesium (Mg) ( ) Potassium (K) ( )		Molybdenum (Mo) ( ) Silicon (Si) ( )		Specify: Ston Water
Potassium (K) ( ) Sodium (Na) ( )	-	Silicon (Si) ( ) Strontium (Sr) ( )		The state of the s
Thallium (TI) ( )	-	Titanium (Ti) ( )		Preservative Codes = PC
/anadium (V) ( )	-	Lithium (Li) ( )		
				1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
. RCRA/Hazardous wastes				,
gnitability (Flash Pt.)( )		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )		TCLP ( ) Organics-Pest/Herb ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
Organics-BNA ( )		Organics-VOA ( )		4. Hydrochloric acid (HCl) 9. FAS
OX ( )		Organics-VOA ( )	_	5. Sodium Thiosulfate 10.Other
				10.Other
. Specific Organics		Phenols GC ( )		Sample type legend:
Volatiles ( )		Semi-Volitiles (BNA) ( )		
esticides/PCB's ( )		PCB's Only ( )		grab samples x
derbicides ( )		TPH 418.1 ( ) TTO ( )		composite samples xx
TO & Dioxin ( )		TPH 8015 ( )	_	Turnaround time: Sampling Equipment:
. c & Dioxiii ( )		Lindane ( )		sampling Equipment.
. Microbiology				1 day ( ) Automatic Sampler ( )
ecal Coliform ( )		Total Coliform ( )		2 days ( ) Sample Pick Up ( ) 3 days ( )
Comments:				5 days ( ) 5 days ( )
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.





# **REPORT OF ANALYSIS**

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** March 7, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1600575

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 4:15 PM

**SAMPLE DATE: 02/19/16** 

**DESCRIPTION: Stormwater 003** 

LAB. FILE ID: 1600575

DATE RECEIVED: 02/22/16

MATRIX: Water (Storm Water)

_								
	PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1600575 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
	Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.208 0.305 <0.002 0.022	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	03/02/16 03/02/16 03/01/16 03/01/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Iris M. Chévere Alfonza Lic # 2370

PLICE

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the the Report of Analysis has been authorized by the Laboratory Manager or the the sample submitted. data contained Manager's Designee. Sample results related only

Lcda. Iris M. Chévere Alfo

Laboratory Director Chemist License 2370

A 1569986

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

# CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	ES Guarpia		SAMPLER Pedro E-Labayen
SAMPLE LOCATION/CLIEN	IT ID	Story WG	ter	TIME 4:15 AM CONTROL NO.
SAMPLE DATE		219/16		BEL. NO. 1600575 185241
General Environmental:     Acidity	PC	VSS Alkalinity ( )	10	SamplingWitness;
Ammonia as N ( )		Bicarbonate ( )		
BOD-5		Bromide ( )	,	Relinquished by).
Chloride ( )		Chlorine, Res. ( )		Jehrenn
COD ( )		Color (ADMI) ( )	]	Date/Time: 3/22/16 9:15 Am
Conductivity µmhos/cm ( )	*************	Color (Pt-Co)		Received by:
Dissolved Oxygen ( ) Hardness ( )		Cyanide ( ) Fluoride ( )		
Moisture %		Iodide ( )		Edgardo L'Ilviz
Nitrite ()		Nitrate ( )	]	Date/Time: 2/22/16 0915
Oil+Grease ( )	**********	Nitrate + Nitrite ( )	]	Relinquished by:
Phenol ( )		pH, S.U. ( )		Edor-L.K.
Phosphorus, Total ( )		Phosphate, Ortho ( )	;	
Sett Solids mg/L ( ) Sulfate ( )	-	Sett. Solids mL/L ( ) Solids, Total ( )		Date/Time: 2/22/16 2:30/77
Sulfite ( )	-	Sulfide ( )	— ]	Received by:
TDS ( )		Surfactant ( )		Ale Will
Temperature, °C ( )		TSS ( )	_ ;	Date/Time: 2/22/16 2:30 Pm
TOC ( )	-	TKN ( )		
Asbestos ( )	*******	Turbidity ( )	]	Relinquished by:
TVS ( ) Total Nitrogen ( )		Carbonate ( )		
2. Metals:			ī	Date/Time:
Aluminum (Al) (X)	_1_	Cadmium (Cd) ( )		Received by:
Chromium (Cr) ( )		Copper (Cu) ( )		Received by.
Iron (Fe) (x)	_	Lead (Pb) (X)	I,	
Manganese (Mn) ( )		Mercury (Hg) ( )		Date/Time:
Nickel (Ni) ( ) Silver (Ag) ( )		Selenium (Se) ( ) _ Tin (Sn) ( )		Madrin
Zinc $(Zn)$ $(X)$	<u></u>	Arsenic (As) ( )		Matrix
Barium (Ba) ()		Boron (B) ( )		air ( ) water ( $\mathbf{X}$ ) sludge ( )
Antimony (Sb) ( )		Beryllium (Be) ( )		liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( )	************	Calcium (Ca) ( )		oil () mixed () other ()
Chromium, VI (CrVI) ( )		Cobalt (Co) ( )		
Magnesium (Mg) ( ) Potassium (K) ( )	-	Molybdenum (Mo) ( ) _ Silicon (Si) ( ) _		Specify: Itom water
Sodium (Na) ( )	-	Strontium (Sr) ( )		
Thallium (Tl) ( )		Titanium (Ti) ( )	]	Preservative Codes = PC
Vanadium (V) ( )		Lithium (Li) ( )		
2 DCD A/III-mandana amata-				1. Cool, <6° C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)( )		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )	-	TCLP ( )		3. Nitric Acid (HNO <sub>2</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )		Organics-Pest/Herb ( )		· • • • • • • • • • • • • • • • • • • •
Organics-BNA ( )	de minimum annual de la constante de la consta	Organics-VOA ( )		4. Hydrochloric acid (HCl) 9. FAS
TOX ( )				5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenols GC ( )	\$	Sample type legend:
Volatiles ( )		Semi-Volitiles (BNA) ( )		grab samples x
Pesticides/PCB's ( ) Herbicides ( )	1	PCB's Only ( ) _ TPH 418.1 ( )		
BTEX ( )		TTO ( )		composite samples xx
TTO & Dioxin ( )		TPH 8015 ()		Turnaround time: Sampling Equipment:
		Lindane ( )		
5. Microbiology		m · LO L'C		1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform ( )		2 days ( ) Sample Pick Up ( )
				3 days ( )
Comments:				5 days ( )
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.

# DMR Copy of Record

Permit								
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	•	AES PUERTO RICO, L.P.	0, L.P.	
Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	JOBOS WARD	
Permitted Feature:	001 External Outfail	Discharge:	001-Q1 Water Transportation Facilities					
Report Dates & Status								
Monitoring Period:	From 01/01/16 to 03/31/16	DMR Due Date:	04/30/16	Status:	Z	NetDMR Validated		
Principal Executive Officer								
The second particular is								
First Name:	Manuel	Title:	Plant Manager	Telephone:	~	787-866-8117		
Last Name:	Mata							
No Data Indicator (NODI)	0							
Form NODI:	ı							
Parameter	Monitoring Location Season # Param. NOD!		Quantity or Loading	Quality or Concentration		# of Ex. Fre	# of Ex. Frequency of Analysis Sample Type	nie Type
Code Name		Qualifier 1 Value 1	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	ualifier 2 Value 2 Qualifier 3		Units		
X 01045 iron, total [as Fe]	1 - Effluent Gross 0 -	Sample Permit Reg.			1.18 1.18 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	19 - mg/L 01/9	01/90 - Quarterly GR -	GR - GRAB
		Value NODI						5

GR - GRAB GR - GRAB GR - GRAB GR - GRAB 01/90 - Quarterly 0.002 19 - mg/L .21 MAXIMUM 19 - mg/L 89 28 - ug/L 90 MAXIMUM 28 - ug/L 1.52 19 - mg/L .75 MAXIMUM 19 - mg/L X 01045 Iron, total [as Fe] 1 - Effluent Gross X 01105 Aluminum, total [as Al] 1 - Effluent Gross 01051 Lead, total [as Pb] 1 - Effluent Gross 01092 Zinc, total [as Zn] 1 - Effluent Gross Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors

Acknowledge Yes

Ot105 Aluminum, total [as Ag) 1 - Effluent Gross Quality or Concentration Sample Value 3 Soft The provided sample value is outside the permit limit. (Error Code: 1)  Comments  Attachments  Attachments  Attachments  An The provided sample value is outside the permit limit. (Error Code: 1)  Comments  Attachments  Attachments  An Attac	Code	Name		1	<u>.</u>	Description
aved By RICO, LP nanuel mata@aes.com   Date/Time: Manuel Mata	01105	Aluminum, total [as Al] Iron, total [as Fe]	1 - Effluent Gross 1 - Effluent Gross	Quality or Concentration Sample Value 3 Quality or Concentration Sample Value 3	Soft	
eved By RICO, LP manuel.mata@aes.com Date/Time: manuel.mata@aes.com	Comme	nnts				
Saved By O RICO, LP manuelimate@es.com   Date/Time: Manuel mata manuelimate@es.com	Attachn	nents				
nata@ass.com Date/Tine: Mata	Vo attachn	nents.				
a@aes.com Date/Time: ala a@aes.com	Report	Last Saved By				
manuel.mata@es.com Manuel Mata manuel.mata@es.com	AES PU	IERTO RICO, LP				
Manuel Mata manuel.mata@es.com	User:	manuel.mata@aes	COM		Date/Tim	
	Name:	Manuel Mata				
	E-Mail:	manuel.mata@aes	шоо			

# DMR Copy of Record

Permit						
Permit #: Major:	PRR063093 No	Permittee: Permittee Address:	AES PUERTO RICO, LP Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility:	AES PUERTO RICO, L.P. ROAD#3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	Q
Permitted Feature:	001 External Outfall	Discharge:	001-01 Steam Electric Generating Facilities			
Report Dates & Status						
Monitoring Period: From 01/01 Considerations for Form Completion	From 01/01/16 to 03/31/16	DMR Due Date:	04/30/16	Status:	NetDMR Validated	
Principal Executive Officer	ficer					
First Name: Last Name:	Manuel	Title:	Plant Manager	Telephone:	787-868-8117	
No Data Indicator (NODI)		-				
Form NODI:	1					
Parameter M Code Name	Monitoring Location Season # Param. NODI		Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 3 Value 3	Quality or Concentration siffer 2 Value 2 Qualifier 3 Value 3	# of Ex. Frequency of Analysis Sample Type Units	s Sample Type
X 01045 Iron, total (as Fe) 1 - Effluent Gross	- Effluent Gross 0	Sample Permit Req. Value MDDI		= 1.18 19 -mg/L = 1 MAXIMUM 19 - mg/L	19 - mg/L 01/80 - Quarterly M 19 - mg/L 01/80 - Quarterly	GR - GRAB GR - GRAB

Code Name			L	Londingsen	Acknowledge
01045 Iron, total [as Fe] 1 - Effluent Gross	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soff	Soft The provided sample value is outside the permit limit. (Error Code: 1)	Yes
Comments					

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Submission Note

Attachments
No ettachments.
Report Last Saved By
AES PUERTO RICO, LP

manuel.mata@aes.com User; Name; E-Mail;

2016-04-20 12:59 (Time Zone: -04:00)

Date/Time:

Manuel Mata manuel.mata@aes.com

SAMPLE TYPE N DAY 0 9 J NOTE: Read instructions before 0 OMB No. 2040-0004 DATE 9 FREQUENCY J ANALYSIS Form Approved 0 0 0 2016 YEAR Š Ž NUMBER 7/200 UNITS 7/ Cm TELEPHONE 7/Gun 2 AREA MAXIMUM QUALITY OR CONCENTRATION DAY SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT DISCHARGE NUMBER 700.07 0.260 AVERAGE 0.262 1.52 Q 0.089 52.0 *€* 000 0 % NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR) 2016 YEAR MINIMOM MONITORING PERIOD I carity under paralty of law that this document and all attachments were prepared under my direction or supomished in accordance with a system designator to sexual requesting chancing together and evaluate the softwarten submished. Based on my trapiny of the parson or persons devotoring the system, or these persons developersubset registering the softwarten submished to the sexual se 2 STIND DAY QUANTITY OR LOADING MAXIMUM PERMIT NUMBER Q COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) AVERAGE FROM 2016 YEAR REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE PERMIT PERMIT PERMIT SAMPLE PERMIT PERMIT SAMPLE PERMIT PERMIT NAME A ES PurtoRico, L.P.
ADDRESS PR-3 Km 192 Bo
Tobus Charlem P.R. NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mata TYPED OR PRINTED 104 July PARAMETER Manuel LOCATION FACILITY

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

PF

# DMR Copy of Record

Permit

Permit #:	PRR063093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature:	002 External Outfall	Discharge:	002-01 Steam Electric Generating Facilities			
Report Dates & Status				_		
Monitoring Period:	From 01/01/16 to 03/31/16	DIMIK Due Date:	04/30/16	Status:	NetDMR Validated	
Considerations for Form Completion	m Completion					
Principal Executive Officer	Toer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-868-8117	
Last Name:	Mata					
No Data Indicator (NODI)	no an					
Form NODI:	1					
Parameter M	Monitoring Location Season # Param. NODI	Quantity or Loading		Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	- Type
Code Name		Qualifier 1 Value 1 Qu	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	falue 2 Qualifier 3 Value 3	Units	
		Sample		= 14	19 - mg/L 01/80 - Querterly GR - GRAB	SAB.
X 01045 iron, total (as Fe) 1 - Effluent Gross		Permit Req. Value NODI		← 1 MAXIMUM 19 - mg/L	19 - mg/L 01/80 - Quarterly GR - GRAB	SAB
Submission Note						
If a parameter row does Type.	not contain any values for the Sample o	nor Effluent Trading, then nor	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.	nat row: Units, Number of	Excursions, Frequency of Analysis, and San	eldr

Soft The provided sample value is outside the permit limit. (Error Code: 1) Description Type Quality or Concentration Sample Value 3 Fleid Monitoring Location Code Name 1- Effluent Gross manuel.mata@aes.com AES PUERTO RICO, LP Parameter Report Last Saved By

Edit Check Errors

2016-04-20 12:59 (Time Zone: -04:00)

Date/Time:

Manuel Mata manuel.mata@aes.com

Name: E-Mail:

# DMR Copy of Record

ee: AES PUERTO RICO, LP Facility:  Road #3 km 142 Jobos Ward Facility Locat Guayama, PR 00784  'ge: Water Transportation Facilities  Le Date: 04/30/16 Status:  Plant Manager Telephone:  Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Units Qualifier 3 Units Qu	Permit						
No  Discharge: Road #3 km. 142 Jobos Ward Guayama, PR 00784  Discharge: 002-01  External Outfall  External Outfall  Discharge: 002-01  From 01/01/16 to 03/31/16  Manuel  Manuel  Mata  Mata  Countity or Loading  Quality or Concentration  Countity or Loading  Countity or Loading  Quality or Concentration  Countity or Loading  Countity or Concentration  Countity or Loading  Countity or Lo	Permit #;	PRR063093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
External Outfall From 01/01/16 to 03/31/16 DMR Due Date: 04/30/16 DMR Due Date: 04/30/16 Maruel Matta Manuel Matta Manuel Matta  Mentant Constitute Leading Countity or Leading Auanthy or Leading Auanthy or Leading Auanthy or Leading Auanthy or Leading Countities 1 Value 1 Quanthy or Leading Auanthy or Concentration Countities 2 Value 2 Units Quantifier 2 Value 1 Quantifier 2 Value 2 Quanthy or Concentration  From 01/01/16 to 03/31/16  DMR Due Date: 04/30/16  Title: Plant Manager  Auanthy or Leading Auanthy or Concentration Countities 2 Value 1 Quantifier 2 Value 2 Quanthy or Concentration Countities 2 Value 1 Quanthy or Concentration Countities 2 Value 2 Units Quanthy or Concentration Countities 2 Value 2 Units Quanthy or Concentration Countities 2 Value 1 Quanthy or Concentration Countities 2 Value 2 Units Quanthy or Concentration Counti	Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
From 01/01/16 to 03/31/16   DMR Due Date: 04/30/16   Status: foer  Manuel	Permitted Feature:	002 External Outfall	Discharge:	002-Q1 Water Transportation Facilities			
From 01/01/16 to 03/31/16   DMR Due Date: 04/30/16   Status:    Total Due Date: 04/30/16   Status:   Status:   Interphone:   Title:   Plant Manager   Telephone:   Telephone:   Mata	Report Dates & Status						
Manuel Matuel Title: Plant Manager Telephone:  Matuel Mata  Di	Monitoring Period:	From 01/01/16 to 03/31/16	DMR Due Date:	04/30/16	Status:	NetDMR Validated	
Manuel Analos Manuel Title: Plant Manager Telephone:  Mata  Di)  Monitoring Leadon Season # Puram. NOD!  Admitter 1 Value 1 Qualifier 2 Value 2 Units Qualifier 2 Value 2 Qualifier 2 Value 2 Qualifier 2 Value 2 Qualifier 2 Value 2 Qualifier 2 Value 3 Qualifier 3 Value 4 Qualifier 2 Value 5 Qualifier 2 Value 6 Qualifier 2 Value 6 Qualifier 2 Value 7 Qualifier 3 Value 7 Qualifier 4 Value 7 Qualifier 6 Value 7 Qualifier 7 Valu	Considerations for Forn	1 Completion					
Mata Mata  Mata  Monitoring Location Season # Penem. NOD!  Monitoring Location Season # Penem. NOD!  Admitted 4 Value 1 Quantity or Locating  Quantity or Conneutration  Connecting 2 Value 2 Units Quantities 2 Value 1 Quantities 2 Value 2 Quantities 2 Value 2 Quantities 3 Value 4 Quantities 2 Value 4 Quantities 2 Value 5 Quantities 3 Value 4 Quantities 2 Value 5 Quantities 3 Quantities 3 Quantities 3 Quantities 3 Quantities 3 Quantities 3 Quantities 4 Quantities 4 Quantities 4 Quantities 5 Quantities 5 Quantities 5 Quantities 5 Quantities 6 Quantities 7	Principal Executive Offi	Jec					
Mata  Dij  Monitoring Location Season # Penam. NDDi  Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 2 Qualifier 3 Value 2 Qualifier 3 Value 4 Qualifier 2 Value 6 Qualifier 3 Value 6 Qualifier 3 Value 6 Qualifier 3 Value 6 Qualifier 3 Value 6 Qualifier 6 Value 6 Qualifier 7 Value 7 7 Val	First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Monitoring Location Season # Param. NOD:  Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 2 Value 2 Qualifier 3 Value 2 Qualifier 3 Value 4 Qualifier 2 Value 4 Qualifier 2 Value 5 Qualifier 3 Value 6 Qualifier 3 Value 6 Qualifier 3 Value 6 Qualifier 6 Value 6 Qualifier 6 Value 6 Qualifier 7 Value 7 Qualifier 7 Value 7 Qualifier 8 Qualifier 8 Qualifier 9 Qualif	Last Name:	Mata			-		
Monitoring Location Season # Param. NOD:  Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 2 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 1 Qualifier 2 Value 1 Qualifier 2 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 1 Qualifier 3 Value 3 3 Va	No Data Indicator (NOD)						
Monitoring Location Season # Peram. NOD!  Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 2 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 1 Qualifier 2 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 1 Qualifier 2 Value 1 Qualifier 3 Value 1 Qualifier 4 Value 1 Qualifier 3 Value 1 Qualifier 4	Form NODI:	Î					
1 - Effluent Gross 0 - Permit Req.	Parrom	Monitoring Location Season # Peram. NODI		or Londing	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	is Sample Type
1 - Emunt Gross 0 - Permit Req.					14	7	GR - GRAB
I CON THE CO	X 01045 Iron, total (as Fe)		Permit Req.				GR - GRAB

01/90 - Quarterly 01/90 - Quarterly

X 01045 Iron, total [as Fe] 1 - Effluent Gross 01051 Lead, total [as Pb] 1 - Effluent Gross X 01092 Zinc, total [as Zn] 1 - Effluent Gross X 01105 Aluminum, total [as Al] 1 - Effluent Gross

0.005 19 - mg/L .21 MAXIMUM 19 - mg/L 113 28 - ug/L 90 MAXIMUM 28 - ug/L 17.1 19 - mg/L .75 MAXIMUM 19 - mg/L

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Code Name	Monitoring Location	Fleid	Type	Description	Acknowler
01092 Zinc, total [as Zn] 01105 Aluminum, total [as Al]	1 - Effluent Gross 1 - Effluent Gross	Quality or Concentration Sample Value 3 Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1) The provided sample value is outside the permit limit. (Error Code: 1)	Yes
01045 Iron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
Comments					
Attaohments					
No attachments.					
Report Last Saved By					
AES PUERTO RICO, LP					
Jser: manuel.mata@aes.com	es.com		Date/Time:	2016-04-20 12:59 (Time Zone: -04:00)	
Name: Manuel Mata					

manuel.mata@aes.com

E-Mail:

SAMPLE TYPE 0 9 DAY 0 0 0 NOTE: Read instructions before OMB No. 2040-0004 FREQUENCY 2 ANALYSIS Form Approved 9 G 0 0 2016 YEAR N X NUMBER My M UNITS 2 Sam TELEPHONE 3 3 AREA MAXIMUM QUALITY OR CONCENTRATION DAY SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT DISCHARGE NUMBER AVERAGE 0.262 0.75 14.0 D.005 Q 17.1 0.760 0.113 0 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) 0 DISCHARGE MONITORING REPORT (DMR) 2016 YEAR MINIMOW MONITORING PERIOD I carrily under panalty of taw that this document and all attachments were prepared under my direction or augmentant in eccendence with a system designed to saure their qualified persones properly gather and eventuals the information submissed. Based on my traginy of the parson or persons describings the system or there are presoned receip responsible for gathering the information submissed is to the based or my knowledge and belief. It was except that there are applicant paralters for submissed is the based or my knowledge and belief. thus, except and belief the the paral of my knowledge information, including the possibility of fine and impresonment for throwing violetons. 5 STIND DAY QUANTITY OR LOADING MAXIMUM PERMIT NUMBER S S COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) AVERAGE YEAR FROM 2016 REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE SAMPLE PERMIT SAMPLE PERMIT PERMIT PERMIT SAMPLE SAMPLE PERMIT PERMIT ADDRESS PR-3 Km 142 Bo Jobes Guayeme P. R. 00785 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER NAME ACS Pacobo Ring L. D Maruel Hata TYPED OR PRINTED 90 179 PARAMETER LOCATION FACILITY

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

This is a 4-part form

OF.

# DMR Copy of Record

Major:	PRROKANSA	Darmittee	מו כטום כדם בוום פסע			1	
	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	4RD
Permitted Feature:	003 External Outfall	Discharge:	003-O1 Steam Electric Generating Facilities				
Report Dates & Status							
Monitoring Period:	From 01/01/16 to 03/31/16	DMR Due Date:	04/30/16	Status:	NetD	NetDMR Validated	
Considerations for Form Completion	Completion						
Principal Executive Unicer	•						
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-8	787-866-8117	
Last Name:	Mata						
No Data Indicator (NODI)							
Form NODI:	1						
Parameter Monitor	Monitoring Location Season # Param. NOD!	Quantity	Quantity or Loading Quality o	Quality or Concentration		# of Ex. Frequency of Analysis. Sample Type	sis Samole Type
Code Name		Qualifier 1 Value 1 Q	tue 2 Units Qualifier 1 Value 1 Qu	alue 2 Qualifier 3 Vel			
		Sample		= 0.305	19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1 - Effluent Gross	1	Permit Req.		<= 1 MAX	1 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Submission Note

No errors.

Attachments
No attachments.
Report Last Saved By

AES PUERTO RICO, LP

manuel.mata@aes.com Manuel Mata

manuel.mata@aes.com

Date/Time:

2016-04-20 12:59 (Time Zone: -04:00)

# DMR Copy of Record

Permit								
Permit #:	PRR053093		Permittee:	AES PUERTO RICO, LP	Facility:	AES PUEF	AES PUERTO RICO, L.P.	
Major:	No V		Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature:	003 External Outfall	He .	Discharge:	003-Q1 Water Transportation Facilities				
Report Dates & Status								
Monitoring Period:	From 01/01/1	From 01/01/16 to 03/31/16	DMR Due Date:	04/30/16	Status:	NetDMR Validated	alidated	
Considerations for Form Completion	n Completion							
Principal Executive Officer	ioer							
First Name:	Manuel		Title:	Plant Manager	Telephone:	787-866-8117	117	
Last Name:	Mata							
No Data Indicator (NODI)	0							
Form NODI:	ι							
Parameter	Monitoring Location	Monitoring Location Season # Param. NODI		Loading	Quality or Concentration		For Ex. Frequency of Analysis Sample Type	is Sample Type
Code			Sample Guaimer 1 Value 1 Gui	Quaimer 1 value 1 Quaimer 2 value 2 Units Quaimer 1 value 1 Quaimer 2 value 2 Quaimer 3 Value 3 0.305	Z Value Z Glanifiler 3 Val	Tue 3 Units 19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1	1 - Effluent Gross	1	Permit Req.		Cam 1 MAX	1 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		o.002	19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb] 1	1 - Effluent Gross	- 0	Permit Req.		.21 M	.21 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		= 22	28 - ug/L	01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as Zn] 1	1 - Effluent Gross	0	Permit Req.		4M 06 ₩	90 MAXIMUM 28 - ug/L	01/90 - Quarterly	GR - GRAB
			Sample		= 0.208	19 - mg/L	01/90 - Quarterly	GR - GRAB
01105 Aluminum, total [as Al] 1 - Effluent Gross	I - Effluent Gross	,	Permit Req.		M 27.	.75 MAXIMUM 19 - mg/L.	01/90 - Quarterly	GR - GRAB
Submission Note								
If a parameter row does r Type.	not contain any ve	lues for the Sample r	nor Effluent Trading, then none	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.	that row: Units, Number	of Excursions, Fre	quency of Analysis, and	l Sample
Edit Cheok Errors								
No errors.								

Attachments
No attachments
Report Last Saved By
AES PUERTO RICO, LP

2016-04-20 12:59 (Time Zone: -04:00)

Date/Time:

manuel.mata@aes.com Manuel Mata manuel.mata@aes.com User: Name: E-Mail:

NOTE: Read instructions before OMB No. 2040-0004 DATE Ş FREQUENCY ナ ANALYSIS Form Approved P 0 0 3 3 20k YEAR Š X NUMBER UNITS TELEPHONE 3 Z' 1/su Ky AREA MAXIMUM QUALITY OR CONCENTRATION DAY SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT DISCHARGE NUMBER 200.07 0.208 0.262 220.0 0.260 0.305 AVERAGE 8 0 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) 000 DISCHARGE MONITORING REPORT (DMR) 2016 YEAR MINIMUM MONITORING PERIOD I cortify under partialty of two that this document and all attachments were prepared under my direction or supervision in accordance with a system designation to season strip, qualified personal expositions are preferred to the system of a syste ρ UNITS DAY QUANTITY OR LOADING MAXIMUM PERMIT NUMBER 9 COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) AVERAGE YEAR FROM 20/6 PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE PERMIT SAMPLE SAMPLE SAMPLE PERMIT SAMPLE PERMIT PERMIT PERMIT PERMIT PERMIT ADDRESS PIL-3 KM 142 BO. Johns Guayame P.R 00785 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER NAME ACS Pleate Rice, LP. Tate 9d 1401 PARAMETER Mame LOCATION FACILITY

SAMPLE TYPE

J

J

0

0

This is a 4-part form

OF

DAY





# REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** April 14, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601057

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 5:51 AM

**SAMPLE DATE: 04/01/16** 

**DESCRIPTION:** Stormwater #001

LAB. FILE ID: 1601057

DATE RECEIVED: 04/04/16

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601057 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.682 0.733 <0.002 0.090	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	04/08/16 04/08/16 04/08/16 04/08/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Iris M. Chevere

Alfonzo

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Recor

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO.	COMPANY	AES GM	14.	SAMPLER Pedro fabagea
SAMPLE LOCATION/CL	IENT ID	StormWater 4-1-16	# 0	7 TIME 5:51 AM CONTROL NO.
SAMPLE DATE		4-1-16	•	BEL. NO. 1601057 . 185890
. General Environmental:	PC	VSS	PC	SamplingWitness;
cidity ( mmonia as N (	)	Alkalinity ( )		Date/Time:
OD-5 (	)	Bicarbonate ( ) Bromide ( )		Relinquished by:
nloride (	)	Chlorine, Res. ( )	-	Nodice Taken
DD (	)	Color (ADMI)	-	
onductivity µmhos/cm (	)	Color (Pt-Co) ( )	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the	Date/Time: 4-4-16 11:15 Any
issolved Oxygen (	)	Cyanide ( )		Received by:
ardness (	)	Fluoride ( )		Ed/s)
oisture % (	)	lodide ( )		Date/Time: 4-4-16 /1:15-Am
il+Grease (	)	Nitrate ( ) Nitrate + Nitrite ( )		
nenol (	)	pH, S.U.		Relinquished by:
osphorus, Total (	)	Phosphate, Ortho ( )	-	Ede)
ett Solids mg/L (	)	Sett. Solids mL/L ( )		Date/Time: 4-4-16 115
lfate (	)	Solids, Total ( )		
ilfite (	)	Sulfide ( )		Received by:
OS ( emperature, °C (	)	Surfactant ( )	-	JUY NOM!
OC (	)	TSS ( ) TKN ( )		Date/Time: 4/4/16 1354 Pm
sbestos	)	Turbidity ( )		Relinquished by:
/S (	)	Carbonate ( )		Remiquished by.
tal Nitrogen (	)	( )	-	
Metals:				Date/Time:
ıminum (Al)	1	Cadmium (Cd) ( )		Received by:
romium (Cr) (	<u></u>	Copper (Cu) ( )	_	received by.
n (Fe) (X anganese (Mn) (		Lead (Pb)	T	Doto/Times
ckel (Ni) (	)	Mercury (Hg) ( ) Selenium (Se) ( )	-	Date/Time:
ver (Ag) (	)	Tin $(Sn)$ $($		Matrix
(Zn)		Arsenic (As) ( )	-	
rium (Ba) (		Boron (B) ( )		air ( ) water 🔀) sludge ( )
ntimony (Sb) (		Beryllium (Be) ( )		liquid ( ) soil ( ) solid ( )
smuth (Bi) ( ) romium, VI (CrVI) (		Calcium (Ca) ( )		oil ( ) mixed ( ) other ( )
agnesium (Mg) (		Cobalt (Co) ( )		on ( ) mined ( ) other ( )
tassium (K) (		Molybdenum (Mo) ( ) Silicon (Si) ( )	-	Specify:
dium (Na) (		Silicon (Si) ( ) Strontium (Sr) ( )	-	
allium (Tl) (		Titanium (Ti) ( )	-	Preservative Codes = PC
nadium (V) (		Lithium (Li) ( )		10
				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
RCRA/Hazardous waste	S	Committee		3 = 5 = 5 = 7 = 7 = 7 = 7 = 7 = 7 = 7 = 7
itability (Flash Pt.) ( ) activity (CN & S) ( )		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
RA Metals $($		TCLP ( ) Organics-Pest/Herb ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
ganics-BNA ( )		Organics-Pest/Herb ( ) Organics-VOA ( )		4. Hydrochloric acid (HCl) 9. FAS
X ( )		organies von	-	5. Sodium Thiosulfate 10.Other
				10.Other
pecific Organics		Phenols GC ( )	-	Sample type legend:
atiles ( )		Semi-Volitiles (BNA) ( )		
ticides/PCB's ( ) bicides ( )		PCB's Only ( )		grab samples x
bicides ( ) EX ( )		TPH 418.1 ( ) TTO ( )		composite samples xx
D & Dioxin ( )				Turnaround time: Sampling Equipment:
( )		TPH 8015 ( ) Lindane ( )	-	Samping Equipment:
dicrobiology				1 day ( ) Automatic Sampler ( )
al Coliform ( )	_	Total Coliform ( )		2 days ( ) Sample Pick Up ( ) 3 days ( )
				5 days ( )
				Note: normal turnaround time is ten (10) working days;





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

LAB. SAMPLE ID: BEL-1601058

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 9:36AM

**SAMPLE DATE: 04/01/16** 

**DESCRIPTION:** Stormwater #002 LAB. FILE ID: 1601058

MATRIX: Water

**DATE:** April 14, 2016

CONTRACT: AES - Guayama

DATE RECEIVED: 04/04/16

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601058 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	8.30	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	4.69	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.064	0.002	BTR	04/08/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere A Laboratory Director Chemist License 2370

Attachment: Chain of Custody

ris M. Chévere Alfonzo

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING •CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO.	COMPANY	AES GM	4	SAMPLER P. Laboyen
SAMPLE LOCATION/CLIEN	NT ID	Stormwater 4-1-1	Ħ	OOL TIME 9:36 AM CONTROL NO.
SAMPLE DATE		4-1-1	16	BEL. NO. 160105-8 185891
General Environmental:  Acidity  ( )	PC	VSS Alladinita	PC	Sampling Witness;
Ammonia as N ( )	-	Alkalinity ( ) Bicarbonate ( )	-	Date/Time:
BOD-5 ( )		Bromide ( )		Relinquished by:
Chloride ( )		Chlorine, Res. ( )		Tella C. play
COD ( )	-	Color (ADMI) ( )		Date/Time: 4-4-16 11:17 Ay
Conductivity µmhos/cm ( )		Color (Pt-Co) ( )		
Dissolved Oxygen ( )		Cyanide ( )	-	Received by:
Hardness ( ) Moisture % ( )		Fluoride ( )	-	
Nitrite ( )		Iodide ( ) Nitrate ( )		Date/Time: 4-4-16 11:15Am
Oil+Grease ( )		Nitrate + Nitrite ( )		Relinquished by:
Phenol ( )	-	pH, S.U.		Reiniquished by.
Phosphorus, Total ( )		Phosphate, Ortho ( )		- tale
Sett Solids mg/L ( )		Sett. Solids mL/L ( )		Date/Time: 4-4-16 #5-6PM
Sulfate ( )		Solids, Total ( )	-	Received by:
Sulfite ( ) TDS ( )		Sulfide ( )		( )
Temperature, °C ( )		Surfactant ( ) TSS ( )		- C/4, POT
TOC ( )	-	TKN ( )		Date/Time: 4/4/16 1256/m
Asbestos ( )		Turbidity ( )	-	Relinquished by:
TVS ( )		Carbonate ( )		realing atome a by .
Total Nitrogen ( )	-			
2. Metals:				Date/Time:
Aluminum (Al)		Cadmium (Cd) ( )	-	Received by:
Chromium (Cr) ( )		Copper (Cu) ()		
Manganese (Mn) ( )		Lead (Pb) Mercury (Hg) (		Date/Time:
Nickel (Ni) ()	-	Selenium (Se) ( )		Bate/Time.
Silver (Ag) ( )		Tin (Sn) ( )		Matrix
Zinc (Zn)		Arsenic (As) ( )		
Barium (Ba) ( )		Boron (B) ( )		air ( ) water (X) sludge ( )
Antimony (Sb) ( )		Beryllium (Be) ( )	-	liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( ) Chromium, VI (CrVI) ( )		Calcium (Ca) ( )		oil () mixed () other ()
Magnesium (Mg) ( )		Cobalt (Co) ( ) Molybdenum (Mo) ( )	-	
Potassium (K) ( )		Silicon (Si) ( )		Specify:
Sodium (Na) ( )		Strontium (Sr) ( )		
Thallium (Tl) ( )		Titanium (Ti) ( )		Preservative Codes = PC
Vanadium (V) ( )		Lithium (Li) ( )		
DCD A /Llagardana mastas				1. Cool, <6° C 6. Sodium Hydroxide(NaOH)
B. RCRA/Hazardous wastes gnitability (Flash Pt.)( )		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )		TCLP ( )		-
RCRA Metals ( )		Organics-Pest/Herb ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
Organics-BNA ( )		Organics-VOA ( )		4. Hydrochloric acid (HCl) 9. FAS
TOX ( )	-			5. Sodium Thiosulfate 10.Other
Specific Organics		Phenols GC ( )		Sample time learned
Volatiles ( )		Semi-Volitiles (BNA) ( )		Sample type legend:
Pesticides/PCB's ( )		PCB's Only ( )		grab samples x
Herbicides ( )		TPH 418.1 ( )		composite samples xx
BTEX ( )	-	TTO ( )		
TO & Dioxin ( )		TPH 8015 ( )		Turnaround time: Sampling Equipment:
. Microbiology		Lindane ( )	-	1 day ( ) Automatic Committee ( )
ecal Coliform ( )		Total Coliform ( )		1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( )
				3 days ( )
Comments:				5 days ( )
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

**DATE:** April 14, 2016

AES Puerto Rico - Guayama

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601059

**SAMPLE DATE: 04/01/16** 

**DESCRIPTION:** Stormwater #003

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 12:19PM DATE RECEIVED: 04/04/16

LAB. FILE ID: 1601059

MATRIX: Water

DATE REGENTED.							
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601059 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
 Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.205 0.186 <0.002 0.036	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	04/08/16 04/08/16 04/08/16 04/08/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere A Laboratory Director Chemist License 2370

Attachment: Chain of Custoo

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING •CERTIFICATION NUMBER E87556•

192 Villa Street • Ponce, P.R. 00730-4875

#### CHAIN OF CUSTODY RECORD

Tel. 787-841-7373 • Fax PROYECT NO. COMI	PANY AES GMA.	SAMPLER P. Laburger
SAMPLE LOCATION/CLIENT ID	StormWater #	003 TIME 12:19 AM CONTROL NO.
SAMPLE DATE	4-1-16	BEL. NO. 1601059 185892
1. General Environmental: PC Acidity ( ) Ammonia as N ( )	VSS PC Alkalinity ( ) Bicarbonate ( )	SamplingWitness;
BOD-5 ( ) Chloride ( )	Bromide ( ) Chlorine, Res. ( )	Relinquished by:
COD ( ) Conductivity µmhos/cm ( )	Color (ADM1) ( )	Date/Time: 4-4-16 II: 15AM Received by:
Dissolved Oxygen ( ) Hardness ( ) Moisture % ( )	Cyanide ( ) _ Fluoride ( ) lodide ( )	Edle
Nitrite ( ) Oil+Grease ( )	Nitrate ( ) Nitrate + Nitrite ( )	Date/Time: $Y-Y-IL$ //:/5A/A Relinquished by:
Phenol         ( )            Phosphorus, Total         ( )            Sett Solids mg/L         ( )	pH, S.U. ( ) Phosphate, Ortho ( ) Sett. Solids mL/L ( )	Date/Time: $4-\ell-1\ell$ (5-7 PM)
Sulfate ( ) Sulfite ( )	Solids, Total ( ) Sulfide ( )	Received by:
TDS ( )	Surfactant ( ) _ TSS ( ) TKN ( )	Date/Time: Y/4/16 15578m
Asbestos ( ) TVS ( )	Turbidity ( )	Relinquished by:
Total Nitrogen ( )	Cadmium (Cd) ( )	Date/Time:
Chromium (Cr) ( $\overline{}$ ) Iron (Fe)	Conner $(Cu)$ $($	Received by:
Manganese (Mn) ( ) Nickel (Ni) ( )	Mercury (Hg) ( ) _ Selenium (Se) ( )	Date/Time:
Silver (Ag) ( ) Zinc (Zn) (X )  Barium (Ba) ( )  Antimony (Sb) ( )  Bismuth (Bi) ( )	Arsenic (As) ( )  Boron (B) ( )  Beryllium (Be) ( )  Calcium (Ca) ( )	air ( ) water $(\mathcal{L})$ sludge ( ) liquid ( ) soil ( ) solid ( )
Chromium, VI (CrVI) ( )	Cobalt (Co) ( ) Molybdenum (Mo) ( ) Silicon (Si) ( )	oil ( ) mixed ( ) other ( )  Specify:
Sodium (Na) ( )	Strontium (Sr) ( )  Titanium (Ti) ( )  Lithium (Li) ( )	Preservative Codes = PC
3. RCRA/Hazardous wastes  Ignitability (Flash Pt.)( )  Reactivity (CN & S) ( )  RCRA Metals ( )  Organics-BNA ( )  TOX ( )	Corrosivity ( ) TCLP ( ) Organics-Pest/Herb ( ) Organics-VOA ( )	<ol> <li>Cool,&lt;6°C</li> <li>Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>) pH&lt;2</li> <li>Nitric Acid (HNO<sub>3</sub>), pH&lt;2</li> <li>Hydrochloric acid (HCl)</li> <li>Sodium Hydroxide(NaOH)</li> <li>Zinc Acetate</li> <li>Ascorbic Acid</li> <li>FAS</li> <li>Sodium Thiosulfate</li> <li>Other</li> </ol>
4. Specific Organics Volatiles ( ) Pesticides/PCB's ( ) Herbicides ( ) BTEX ( ) TTO & Dioxin ( )	Phenols GC ( )  Semi-Volitiles (BNA) ( )  PCB's Only ( )  TPH 418.1 ( )  TTO ( )  TPH 8015 ( )	Sample type legend:  grab samples x  composite samples xx  Turnaround time: Sampling Equipment:
5. Microbiology Fecal Coliform ( )	Lindane ( )	1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( ) 3 days ( ) 5 days ( ) Note: normal turnaround time is ten (10) working days;

additional charges apply for rush orders.

Permit							
Permit #:	PRR063093 No	Permittee:	AES PUERTO RICO, LP Road #3 km. 142 Jobos Ward	Facility: Facility Location:		AES PUERTO RICO, L.P. ROAD #3 KM. 142 JOBOS WARD	ARD
			Guayama, PR 00784			GUAYAMA, PR 00784	
Permitted Feature:	001 External Outfall	Discharge:	001-01 Steam Electric Generating Facilities				
Report Dates & Status							
Monitoring Period:	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Stafus:	NetDM	NetDMR Validated	
Considerations for Form Completion	orm Completion						
Principal Executive Officer	Miner						
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-86	787-866-8117	
Last Name:	Mata						
No Data Indicator (NODI)	liac						
Form NODI:	ı						
Parameter Mo	Monitoring Location Season # Param. NOD!	Quantity	Quantity or Leading	Quality or Concentration	•	# of Ex. Frequency of Analysis Sample Type	sis Sample Type
Code Name		Qualifier 1 Value 1 Q	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	2 Value 2 Qualifier 3	falue 3 Units		
		Sample		7.0 =	0.733 19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1 - Effluent Gross	1	Permit Req.		=> N	1 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Edit Check Errors

No errors.

Attachments
No attachments.
Report Last Saved By
AES PUERTO RICO, LP

pedro labayen@aes.com Pedro Labayen

Name: E-Mail:

pedro.labayen@aes.com

Date/Time:

2016-05-23 09:18 (Time Zone: -04:00)

Permit								
Permit #:	PRR053093		Permittee:	AES PUERTO RICO, LP	Facility:	AES PUEF	AES PUERTO RICO, L.P.	
Major:	ON.		Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature:	001 External Outfall	lail	Discharge:	001-Q1 Water Transportation Facilities				
Report Dates & Status								
Monitoring Period:	From 04/01/	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Status:	NetDMR Validated	alidated	
Considerations for Form Completion	Completion							
Principal Executive Officer	Je.							
First Name:	Manuel		Title:	Plant Manager	Telephone:	787-868-8117	117	
Last Name:	Mata							
No Data Indicator (NODI)	,							
Form NODI:	ı							
Parameter M	lonitoring Location	Monitoring Location Season # Param. NODI	Quantity or Loading	pading	Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name			Qualifier 1 Value 1 Qualif	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	frer 2 Value 2 Qualifier 3 Va	alue 3 Units		
			Sample		= 0.733	19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1	1 - Effluent Gross		Permit Reg.		<= 1 MAX	1 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		< 0.002	19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb] 1	1 - Effluent Gross	- O	Permit Req.		21 M	.21 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
		>	/alue NODI					
			Sample		06	28 - ug/L	01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as Zn] 1.	1 - Effluent Gross	- 0	Sermit Req.		/W 06 ₽	90 MAXIMUM 28 - ug/L	01/90 - Quarterly	GR - GRAB
		>	/alue NODi					
			Sample		= 0.682	19 - mg/L	01/90 - Quarterly	GR - GRAB
01105 Aluminum, total [as Al] 1 - Effluent Gross	- Effluent Gross		Permit Req.		.75 M	75 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
		9						

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Attachments
No attachments
Report Last Saved By
AES PUERTO RICO, LP
User: pedro.labayen@aes.com
`me: Pedro Labayen
pedro.labayen

Date/Time:

2016-05-23 09:20 (Time Zone: -04:00)

Permit

Permit #:	PRR063093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	Q
Permitted Feature:	002 External Outfall	Discharge:	002-01 Steam Electric Generating Facilities			
Report Dates & Status						
Monitoring Period:	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Status:	NetDMR Validated	
Considerations for Form Completion	n Completion					
Principal Executive Officer	oer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	0					
Form NODI:	ŀ					
Parameter Mo	Monitoring Location Season # Param. NODI	Quantity or Loading		Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	Sample Type
Code Name		Qualifier 1 Value 1 Qu	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	to 2 Qualifier 3 Value 3	Units	
X 01045 iron, total [as Fe] 1 - Effluent Gross		Sample Permit Req. Value NOD!		= 4.69 19 mg/L <= 1 MAXIMUM 19 - mg/L	19 - mg/L 01/80 - Quarterly 19 - mg/L 01/80 - Quarterly	GR - GRAB GR - GRAB
Submission Note						
If a parameter row does n Type.	ot contain any values for the Sample r	nor Effluent Trading, then nor	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.	row: Units, Number of E	xcursions, Frequency of Analysis,	and Sample
Edit Chaok Frrors						

Comments Attachments Attachments No ethic/ment as Surved By AES PUERTOR RICO, Laberon User: pedro: Labeyon Bedro: Labeyon Name: pedro: Labeyon Name: P.Mail: pedro: Labeyon Name:	Code	Name	Monitoring Location	Per	Туре	Description	Acknowled
yen@aes.com Date/Time: bayen.	01045 In	ron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
yen@aes.com Date/Time: bayen.	Comments						
yen@aes.com Date/Time: bayen.							
yen@ees.com Date/Time: bate/Time: wanfaas.com	Attachmen	ats					
Date/Time: Date/Time: want/base com	No attachment	ts					
an@ees.com Date/Time: ayen ayen	Report Las	st Saved By					
pedro.labayen@aes.com Pedro Labayen nadro lahawen@aes.com	<b>AES PUER</b>	RTO RICO, LP					
Pedro Labayen nadro lahawan@nae com	User:	pedro.labayen(	фаев.сош		Date		
	Name:	Pedro Labay	-				
	E-Mail:	pedro.labayen(	фаев.сош				

Permit

Permit #: Major:	PRR063093 No	Permittee: Permittee Address:	AES PUERTO RICO, LP Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility: Facility Location:	AES PUERTO RICO, L.P. ROAD #3 KM, 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Feature:	002 External Outfall	Discharge:	002-Q1 Water Transportation Facilities		
Report Dates & Status Monitoring Period:	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Status:	NetDMR Validated
Considerations for Form Completion Prinning Executive Officer	Completion				
First Name: Last Name:	Manuel Mata	Title:	Plant Manager	Telephone:	787-866-8117
No Data Indicator (NOD!) Form NODI:	-				

GR - GRAB GR - GRAB GR - GRAB GR - GRAB 01/90 - Quarterly Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 3 Qualifier 3 Value 3 Units

Caulifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 3 Qualifier 3 Value 3 Units Gualifier 1 Value 1 Qualifier 1 Value 1 Units Gualifier 1 Value 1 Units Gualifier 1 Value 1 Qualifier 1 Value 0.002 19 - mg/L .21 MAXIMUM 19 - mg/L 54 28 - ug/L 90 MAXIMUM 28 - ug/L 8.3 19 - mg/L .75 MAXIMUM 19 - mg/L 01051 Lead, total [as Pb] 1 - Effluent Gross X 01105 Aluminum, total [as Al] 1 - Effluent Gross 01092 Zinc, total [as Zn] 1 - Effluent Gross 1 - Effluent Gross X 01045 Iron, total [as Fe] Submission Note

# of Ex. Frequency of Analysis Sample Typu

Monitoring Location Season # Param. NOD!

Code Name

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors

Code	Name	Monitoring Location	Field	Type	Description	Acknowledge
01045 Iro	Iron, total [as Fe]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
01105 Alt	01105 Aluminum, total [as Al]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
Comments						
Attachments	2					
No attachments.						
Report Last	Report Last Saved By					
<b>4ES PUER</b>	4ES PUERTO RICO, LP					

2016-05-23 09:29 (Time Zone: -04:00)

Date/Time:

pedro.labayen@aes.com Pedro Labayen pedro.labayen@aes.com

User: Name: E-Mail:

Fermit							
Permit#:	PRR063093	Permittee:	AES PUERTO RICO, LP	Facility:	AES	AES PUERTO RICO, L.P.	
Major:	ON	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	RD
Permitted Feature:	003 External Outfall	Discharge:	003-01 Steam Electric Generating Facilities				
Report Dates & Status							
Monitoring Period:	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Status:	Net	NetDMR Validated	
Considerations for Form Completion	n Completion						
Principal Executive Officer	ioer						
First Name:	Manuel	Title:	Plant Manager	Telephone:		787-866-8117	
Last Name:	Mata						
No Data Indicator (NODI)	0						
Form NODI:	1						
Parameter Monit	Monitoring Location Season # Param. NOD!	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name		Qualifier 1 Value 1 Qua	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	differ 2 Value 2 Qualifier 3	Value 3 Units		
01045 Iron, total [as Fe] 1 - Effluent Gross		Sample Permit Req.			0.186 19 - mg/L 1 MAXIMUM 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
		Jaine NODI					

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

AES PUERTO RICO, LP Attachments
No attachments
Report Last Saved By

pedro.labayen@aes.com Pedro Labayen pedro.labayen@aes.com Name: E-Mail:

2016-05-23 09:31 (Time Zone: -04:00)

Date/Time:

Permit									
Permit #:	PRR063093		Permittee:	AES PUERTO RICO, LP	Facility:		AES PUERTO RICO, L.P.	RICO, L.P.	
Major:	o Z		Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	tion:	ROAD #3 KM. 142 JO GUAYAMA, PR 00784	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature:	003 External Outfall	fall	Discharge:	003-Q1 Water Transportation Facilities					
Report Dates & Status									
Monitoring Period:	From 04/01/	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Stafus:		NetDMR Validated	ated	
Considerations for Form Completion	n Completion								
Principal Executive Office	ioer								
First Name:	Manuel		Title:	Plant Manager	Telephone:		787-866-8117		
Last Name:	Mata				_				
No Data Indicator (NODI)	0								
Form NODI:	ı								
Parameter	Monitoring Location	Monitoring Location Season # Param. NODI	Quantity or Loading	Loading	Quality or Concentration		# of Ex	# of Ex. Fractionary of Analysis Sample Type	s Sample Type
Code Name			Qualifier 1 Value 1 Qua	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	differ 2 Value 2 Qualifier 3	Value 3	Units		
			Sample		4	0.186	19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1	1 - Effluent Gross	1	Permit Reg. Value NOD!		ů	1 MAXIMUM	19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		•	0.002	19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb] 1	1 - Effluent Gross		Permit Req.		В	.21 MAXIMUM 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		п	36	28 - ug/L	01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as Zn] 1	1 - Effluent Gross	1	Permit Req.		B	90 MAXIMUM 28 - ug/L	28 - ug/L	01/90 - Quarterly	GR - GRAB
			Sample		п	0.206	19 - mg/L	01/90 - Quarterly	GR - GRAB
01105 Aluminum, total [as Al] 1 - Effluent Gross	- Effluent Gross	1	Permit Req.		в	.75 MAXIMUM 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB
A. C									

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Cheok Errors

No errors.

Attachments
No attachments
Report Last Saved By
AES PUERTO RICO, LP

pedro.labayen@aes.com Pedro Labayen pedro.labayen@aes.com

2016-05-23 09:32 (Time Zone: -04:00)

Date/Time:





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

LAB. SAMPLE ID: BEL-1602751

SAMPLE COLLECTED BY: Client (Pedro Labayen) TIME: 10:00PM

**DATE RECEIVED0: 08/18/16** 

**DATE:** August 31, 2016

CONTRACT: AES - Guayama

**SAMPLE DATE: 08/13/16 DESCRIPTION:** Stormwater #002

LAB. FILE ID: 1602751

MATRIX: Water

_								
	PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1602751 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
	Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.254 0.222 0.004 0.020	0.005 0.010 0.002 0.002	HS HS HS HS	08/26/16 08/26/16 08/26/16 08/26/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo

Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Records (1)

A 1591210

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING •CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO.	COMPANY	AES	. ,	SAMPLER Pedro Lave yer
SAMPLE LOCATION/CLIENT I	ID I	Storm water	002	407700
SAMPLE DATE		81	13/	/16 BEL. NO. 160275/ 187722
General Environmental:     Acidity ( )     Ammonia as N ( )	PC	VSS Alkalinity ( ) Bicarbonate ( )	PC	SamplingWitness;
BOD-5 ( ) Chloride ( ) COD ( )		Bromide ( ) Chlorine, Res. ( ) Color (ADMI) ( )	_	Relinquished by:
Conductivity µmhos/cm ( ) Dissolved Oxygen ( ) Hardness ( )		Color (Pt-Co) ( ) Cyanide ( ) Fluoride ( )		Received by:
Moisture % ( ) Nitrite ( ) Oil+Grease ( )		Iodide ( ) Nitrate ( ) Nitrate + Nitrite ( )		Date/Time: 8/18/b / 10:40 Am
Phenol ( ) Phosphorus, Total ( ) Sett Solids mg/L ( )	_	pH, S.U. ( ) Phosphate, Ortho ( ) Sett. Solids mL/L ( )		Relinquished by:  Relinquished by:  Relinquished by:  Relinquished by:  Relinquished by:
Sulfate ( ) Sulfite ( ) TDS ( )	_	Solids, Total ( ) Sulfide ( ) Surfactant ( )		Date/Time: 8/8/16 2:/6/~ Received by:
Temperature, °C ( ) TOC ( ) Asbestos ( )	=	TSS () TKN () Turbidity ()		Date/Time: 8/18/18 2316/~ Relinquished by:
TVS () Total Nitrogen () 2. Metals:		Carbonate ( )		Date/Time:
Aluminum (Al) (\(\forall\) / Chromium (Cr) ()  Iron (Fe) (\(\forall\)	113 713	Cadmium (Cd) ( ) Copper (Cu) ( ) Lead (Pb) ( )	<u></u>	Received by:
Manganese (Mn) ( ) Nickel (Ni) ( ) Silver (Ag) ( )		Mercury (Hg) ( ) Selenium (Se) ( ) Tin (Sn) ( )		Date/Time:
Zinc (Zn) (+) Barium (Ba) (+) Antimony (Sb) (+) Bismuth (Bi) (+) Chromium, VI (CrVI) (+)	三 三 三	Arsenic (As) ( ) Boron (B) ( ) Beryllium (Be) ( ) Calcium (Ca) ( )		air ( ) water (×) sludge ( ) liquid ( ) soil ( ) solid ( ) oil ( ) mixed ( ) other ( )
Magnesium (Mg) ( ) Potassium (K) ( ) Sodium (Na) ( )	_	Cobalt (Co) ( ) Molybdenum (Mo) ( ) Silicon (Si) ( ) Strontium (Sr) ( )		Specify:
Thallium (TI) ( ) Vanadium (V) ( )		Titanium (Ti) ( ) Lithium (Li) ( )		Preservative Codes = PC
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)( ) Reactivity (CN & S) ( ) RCRA Metals ( ) Organics-BNA ( ) TOX ( )		Corrosivity ( ) TCLP ( ) Organics-Pest/Herb ( ) Organics-VOA ( )		1. Cool,<6°C 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 3. Nitric Acid (HNO <sub>3</sub> ), pH<2 4. Hydrochloric acid (HCl) 5. Sodium Thiosulfate 6. Sodium Hydroxide(NaOH) 7. Zinc Acetate 8. Ascorbic Acid 9. FAS 10.Other
4. Specific Organics Volatiles ( ) Pesticides/PCB's ( ) Herbicides ( )	_	Phenols GC ( ) Semi-Volitiles (BNA) ( ) PCB's Only ( ) TPH 418.1 ( )		Sample type legend:  grab samples x
BTEX ( ) TTO & Dioxin ( )	_	TTO ( ) TPH 8015 ( )		composite samples xx  Turnaround time: Sampling Equipment:
5. Microbiology Fecal Coliform ( )		Lindane ( )  Total Coliform ( )		1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( )
Comments:				3 days ( ) 5 days ( )
				Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** August 11, 2016

**CONTRACT**: AES - Guayama

LAB. SAMPLE ID: BEL-1602498

SAMPLE COLLECTED BY: Client (Pedro Labayen) TIME: 4:35AM

**SAMPLE DATE: 07/25/16** 

**DESCRIPTION:** Stormwater #003 LAB. FILE ID: 1602498

MATRIX: Water

DATE RECEIVEDO: 07/27/16

- 1	DATE RECEIVEDU:	0//2//10	, At				·	
	PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1602498 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Į.	Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.427 0.337 <0.002 0.061	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	08/08/16 08/08/16 08/08/16 08/10/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)

1591071

Chévere

lfonzo

PAGE 1 OF 1

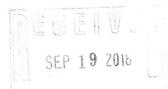
THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING •CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO.	CC	OMPANY	AES Guaya.	ma	SAMPLER Pedro Cava Yen
SAMPLE LOCATION/CL	IENT ID		Storm Wort	w ou	I I I I I I I I I I I I I I I I I I I
SAMPLE DATE				7/25	16 BEL. NO. 1602498 187608
General Environmental: Acidity	)	PC	VSS Alkalinity ( )	PC	SamplingWitness;
Ammonia as N (	)		Bicarbonate ( )	-	Relinquished by:
BOD-5 (	)		Bromide ( )		Remiquished by.
Chloride ( COD (	)		Chlorine, Res. ( )		
Conductivity µmhos/cm (	)	-	Color (ADMI) ( ) Color (Pt-Co) ( )		Date/Time: 7/27/16/1 11:43 am
Dissolved Oxygen (	)		Cyanide ( )	-	Received by:
Hardness (	)	-	Fluoride ( )		White Mit
Moisture % (	)		Iodide ( )		D 1 /Ti
Nitrite (	)		Nitrate ( )	***************************************	Date/Time: 7/37/16 / 11:43.4.
Oil+Grease (	)		Nitrate + Nitrite ( )	-	Relinquished by:
Phoneborus Total (	)		pH, S.U. ( )		Mule for
Phosphorus, Total ( Sett Solids mg/L (	) }		Phosphate, Ortho ( ) Sett. Solids mL/L ( )	-	Deta/Times 7/27/1 2:26/
Sulfate (	)		Solids, Total ( )	-	Date/Time: 7/27/6 2:28/
Sulfite (	)		Sulfide ( )		Received by:
TDS (	)		Surfactant ( )		
Temperature, °C (	)		TSS ( )		Date/Time: 7/27/1/2 2:28 am
TOC (	)		TKN ( )	-	110 - 111
Asbestos ( TVS (	)		Turbidity ( )		Relinquished by:
Total Nitrogen (	)		Carbonate ( )		
2. Metals:	)				Date/Time:
Aluminum (Al) (	<b>)</b> .	1,	Cadmium (Cd) ( )		
Chromium (Cr) (	) /		Copper (Cu) ()		Received by:
Iron (Fe) (⊀	)/1		Lead (Pb) (X)	1	
Manganese (Mn) (	)		Mercury (Hg) ( )		Date/Time:
Nickel (Ni) (	)		Selenium (Se) ()		
Silver (Ag) ( Zinc (Zn) (🛫	)	7	Tin (Sn) ()		Matrix
Zinc (Zn) (X Barium (Ba) (	1	<del>(</del>	Arsenic (As) ( ) Boron (B) ( )		air ( ) water ( ) sludge ( )
Antimony (Sb) (	)		Beryllium (Be) ( )		liquid ( ) soil ( ) solid ( )
Bismuth (Bi) (	)		Calcium (Ca) ()		
Chromium, VI (CrVI) (	)		Cobalt (Co) ( )		oil () mixed () other ()
Magnesium (Mg) (	)		Molybdenum (Mo) ( )		Ċ
Potassium (K) (	)		Silicon (Si) ( )		Specify:
Sodium (Na) (	)		Strontium (Sr) ( )		Preservative Codes = PC
Thallium (Tl) ( Vanadium (V) (	)		Titanium (Ti) ( ) Lithium (Li) ( )		reservative Codes – PC
valiacium (v) (	,		Litiful (Li) ( )		
3. RCRA/Hazardous waste	es				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.) (	)		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) (	)		TCLP ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals (	)		Organics-Pest/Herb ( )		4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA (	)		Organics-VOA ( )		
TOX (	) .				5. Sodium Thiosulfate 10.Other
4. Specific Organics Volatiles (	1		Phenols GC ( )		Sample type legend:
Pesticides/PCB's (	)		Semi-Volitiles (BNA) ( ) PCB's Only ( )		grab samples x
Herbicides (	)		TPH 418.1 ( )		
BTEX (	)		TTO ()		•
TTO & Dioxin (	)		TPH 8015 ( )		Turnaround time: Sampling Equipment:
			Lindane ( )		
E. Milanahiatana	,		m - 1 G - 110		1 day ( ) Automatic Sampler ( )
5. Microbiology	)		Total Coliform ( )	-	2 days ( ) Sample Pick Up ( )
Fecal Coliform (	,				
	,		a /		
Fecal Coliform (  Comments: Mue	stra		greservada ene		3 days ( )
Fecal Coliform (	stra	sera	preservada ene		3 days ( ) 5 days ( )
Fecal Coliform (  Comments: Mus	stra		paservada ene		3 days ( )







ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: September 1, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1602871

**SAMPLE DATE: 08/25/16** 

**DESCRIPTION:** Stormwater 002

SAMPLE COLLECTED BY: Client (Pedro Labayen) TIME: 5:56AM

LAB. FILE ID: 1602871

**DATE RECEIVED0: 08/26/16** 

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1602871 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	5.00 4.90 <0.002 0.025	0.005 0.010 0.002 0.002	HS HS HS	08/31/16 08/31/16 08/31/16 08/31/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Loda, Iris M. Chévere Alfonzo

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)

CA 1591145

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING **•CERTIFICATION NUMBER E87556•** 

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO. COMPANY	AES Guayama	SAMPLER Pedro Labayen
SAMPLE LOCATION/CLIENT ID	Storm Water oo	Z TIME 5:56 AM CONTROL NO.
SAMPLE DATE	8/26/	16 BEL. NO. 160287 187553
1. General Environmental: PC Acidity ( ) Ammonia as N ( ) BOD-5 ( ) Chloride ( ) COD ( ) Conductivity \( \mu\text{hnhos/cm} \) ( ) Dissolved Oxygen ( )	VSS PC Alkalinity ( ) Bicarbonate ( ) Bromide ( ) Chlorine, Res. ( ) Color (ADMI) ( ) Color (Pt-Co) ( )	SamplingWitness;  Date/Time:  Relinquished by:  Date/Time:  8-26-30-4-10-7  Received by:
Dissived Oxygen	Cyanide       ( )         Fluoride       ( )         Iodide       ( )         Nitrate       ( )         Nitrate + Nitrite       ( )         pH, S.U.       ( )         Phosphate, Ortho       ( )         Sett. Solids mL/L       ( )         Solids, Total       ( )         Sulfide       ( )         Surfactant       ( )	Date/Time:  Relinquished by:  Date/Time:  S/26/16  Date/Time:  Received by:
Temperature, °C	TSS ( )	Date/Time: 8 /26 /16 75 76 /m Relinquished by:  Date/Time:
Aluminum (Al) (\( \nabla \)) Chromium (Cr) () ron (Fe) (\( \nabla \)) Manganese (Mn) () Sidver (Ag) () Chric (Zn) (\( \nabla \)) Barium (Ba) () Antimony (Sb) () Bismuth (Bi) () Chromium, VI (CrVI) () Magnesium (Mg) () Cotassium (K) ()	Cadmium       (Cd)       ( )       —         Copper       (Cu)       ( )       —         Lead       (Pb)       ( )       —         Mercury       (Hg)       ( )       —         Selenium       (Se)       ( )       —         Tin       (Sn)       ( )       —         Arsenic       (As)       ( )       —         Boron       (B)       ( )       —         Beryllium       (Be)       ( )       —         Calcium       (Ca)       ( )       —         Cobalt       (Co)       ( )       —         Molybdenum       (Mo)       ( )       —         Silicon       (Si)       ( )       —	Received by:  Date/Time:  Matrix  air ( ) water ( ) sludge ( ) liquid ( ) soil ( ) solid ( ) oil ( ) mixed ( ) other ( )  Specify:
Sodium         (Na)         ( )           Challium         (Tl)         ( )           Vanadium         (V)         ( )           B. RCRA/Hazardous wastes	Strontium (Sr) ( ) Titanium (Ti) ( ) Lithium (Li) ( )	Preservative Codes = PC  1. Cool,<6°C  6. Sodium Hydroxide(NaOH)
gnitability (Flash Pt.)( ) Reactivity (CN & S) ( ) RCRA Metals ( ) Drganics-BNA ( ) OX ( )	Corrosivity ( ) TCLP ( ) Organics-Pest/Herb ( ) Organics-VOA ( )	<ol> <li>Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>) pH&lt;2</li> <li>Nitric Acid (HNO<sub>3</sub>), pH&lt;2</li> <li>Ascorbic Acid</li> <li>Hydrochloric acid (HCl)</li> <li>Sodium Thiosulfate</li> <li>Zinc Acetate</li> <li>Ascorbic Acid</li> <li>FAS</li> <li>Other</li> </ol>
A. Specific Organics  //olatiles ( )  Pesticides/PCB's ( )  Herbicides ( )  STEX ( )  TO & Dioxin ( )  Microbiology  Fecal Coliform ( )	Phenols GC ( ) Semi-Volitiles (BNA) ( ) PCB's Only ( ) TPH 418.1 ( ) TTO ( ) TPH 8015 ( ) Lindane ( ) Total Coliform ( )	grab samples x composite samples xx  Turnaround time: Sampling Equipment:  1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( ) 3 days ( )
Comments:		5 days ( )  Note: normal turnaround time is ten (10) working days;  additional charges apply for rush orders.

Permit						
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	9	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	ARD
Permitted Feature:	002 External Outfall	Discharge:	002-O1 Steam Electric Generating Facilities			
Report Dates & Status	tus					
Monitoring Period:	From 07/01/16 to 09/30/16	DMR Due Date:	11/30/16	Status:	NetDMR Validated	
Considerations for Form Completion	Form Completion					
Principal Executive Officer	. Officer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	NODI)					
Form NODI:	1					
Parameter	Monitoring Location Sesson # Param. NODI	Quantity	Quantity or Loading Quality	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	ils Sample Type
Code Name		Qualifier 1 Value 1 C	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	2 Value 2 Qualifier 3 Value 3	Cinits	
	c	Sample				GR - GRAB
U1045 Iron, total jas rej 1 - Elliuent Oross	ı	Value NODI		<= 1 MAXIMU	1 MAXIMUM 19 - mg/L 01/90 - Quarterly	GK - GKAB

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Submission Note

No errors.

Attachments

Report Last Saved By

AES PUERTO RICO, LP

manuel.mata@aes.com Manuel Mata manuel.mata@aes.com

Date/Time:

2016-10-05 08:21 (Time Zone: -04:00)

Fermit										
Permit #:	PRR053093	5		Permittee:	AES PUERTO RICO, LP	Facility:		AES PUERTO RICO, L.P.	O RICO, L.P.	
Major:	Š			Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ation:	ROAD #3 KM GUAYAMA, F	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature:	002 External Outfall	utfall		Discharge:	002-Q1 Water Transportation Facilities					
Report Dates & Status										
Monitoring Period:	From 07/01/16 to 09/30/16	1/16 to (	09/30/16	DMR Due Date:	11/30/16	Status:		NetDMR Validated	idated	
Considerations for Form Completion	rm Completion									
Principal Executive Officer	Ncer									
First Name:	Manuel			Title:	Plant Manager	Telephone:		787-866-8117	2	
Last Name:	Mata									
No Data Indicator (NODI)	(IC									
Form NODI:	ı									
Perameter	Monitoring Locati	lon Seas	Monitoring Location Season # Param. NODI	Quantity or Loading	v Loading	Quality or Concentration		\$1803K IZ	# of Ex. Frequency of Analysis Semple Type	Sample Type
Code		100 M 200 M 100		ESS	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	almer 2 Value 2 Qualifier .	3 Value 3	Calls		
				Sample		н	0.222	19 - mg/L		GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	ı	Permit Reg.		ij	1 MAXIMUM	19 - mg/L	01/90 - Quarterly	GR - GRAB
				Sample		П	0.004	19 - ma/l	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb]	1 - Effluent Gross	0	1	Pormit Req.		ı,	21 MAXIMUM 19 - mg/L	4 19 - mg/L		GR - GRAB
				Value NOD!						
				Cample		i	20	28 - ug/L		GR - GRAB
01092 Zinc, total [as Zn]	1 - Effluent Gross	0	ı	Permit Req.		ij	90 MAXIMUM 28 - ug/L	1 28 - ug/L	01/90 - Quarterly	GR - GRAB
			on a second of the	Sample		11	0.254	19 - mg/L	01/90 - Quarterly	GR - GRAB
01105 Aluminum, total [as Al] 1 - Effluent Gross	1 - Effluent Gross	0	1	Permit Req.		ij	.75 MAXIMUM 19 - mg/L	M 19 - mg/L	01/90 - Quarterly	GR - GRAB
				Valle						

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Submission Note

**Edit Check Errors** 

No errors.

Comments

Attachments

AES PUERTO RICO, LP Report Last Saved By

manuel.mata@aes.com

Date/Time: 2016-10-05 08:24 (Time Zone: -04:00)

manuel.mata@aes.com Manuel Mata Name: E-Mail:

Permit				33		
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	LP.
Major:	9	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	: ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	BOS WARD
Permitted Feature:	003 External Outfall	Discharge:	003-01 Steam Electric Generating Facilities			
Report Dates & Status	sn,					
Monitoring Period:	From 07/01/16 to 09/30/16	DMR Due Date:	11/30/16	Status:	<b>NetDMR Validated</b>	
Considerations for Form Completion	Form Completion					
Principal Executive Officer	Officer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	(IODI)					
Form NODI:	1					
Parameter M	Monitoring Location Season # Param. NODI		Quantity or Loading Qual	Quality or Concentration	# of Ex. Frequent	# of Ex. Frequency of Analysis Sample Type
Code Name		Qualifier 1 Value 1 Q	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 3 Value 3 Units	r 2 Value 2 Quelifier 3 Valu	3 Units	
		Sample		= 0.337	19 - mg/L 01/90 - Quarterly	arterly GR - GRAB
01045 Iron, total [as Fe] 1 - Effluent Gross	1	Permit Req.		c= 1 MAXI	1 MAXIMUM 19 - mg/L 01/90 - Quarterly	arterly GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions. Frequency of Analysis, and Sample Type.

Edit Check Errors

Comments No errors.

Report Last Saved By

AES PUERTO RICO, LP

pedro.labayen@aes.com Pedro Labayen Name: E-Mail:

pedro.labayen@aes.com

Date/Time: 2016-09-09 15:37 (Time Zone: -04:00)

2	Permittee:	AES PUERTO RICO, LP	Facility:	AES PI	AES PUERTO RICO, L.P.	
	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
	Discharge:	003-Q1 Water Transportation Facilities				
Monitoring Period: From 07/01/16 to 09/30/16	6 DMR Due Date:	11/30/16	Status:	NetDM	NetDMR Validated	
Considerations for Form Completion						
Principal Executive Officer						
First Name: Manuel	Title:	Plant Manager	Telephone:	787-866-8117	6-8117	
Last Name: Mata						
No Data Indicator (NODI)						
Form NODI:						
Parameter Monitoring Location Season # Param. NODI		Quantity or Loading	Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	Sample Type
Code Name	Qualifier 1 Value 1 Q	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	eliffer 2 Value 2 Qualiffer 3	Value 3 Units		•
	Sample		= 0.3	0.337 19 - mg/L	. 01/90 - Quarterly	GR - GRAB
01045 iron, total [as Fe] 1 - Effluent Gross 0 -	Permit Req.		41	1 MAXIMUM 19 - mg/L	. 01/90 - Quarterly	GR - GRAB
	Sample		o.0	0.002 19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb] 1 - Effluent Gross 0 -	Permit Req.		<=> .21	.21 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
	Sample			Jp11 - 8C	01/00 - Outstarky	BAGO. GO
01092 Zinc, total [as Zn] 1 - Effluent Gross 0 -	Permit Req.		06	MAXIMUM		GR - GRAB
	Value NODI					
	Sample		= 0.4	0.427 19 - mg/L		GR - GRAB
01105 Aluminum, Iofal [as Al] 1 - Effluent Gross 0 –	Permit Req. Vatue NODI		±>.75	.75 MAXIMUM 19 - mg/L	. 01/90 - Quarterly	GR - GRAB
Submission Note						

Edit Check Errors

No errors.

Comments

AES PUERTO RICO, LP Report Last Saved By

pedro.labayen@aes.com Pedro Labayen pedro.labayen@aes.com Name: E-Mail:

Date/Time: 2016-09-09 15:37 (Time Zone: -04:00)





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 16, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1603816

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVEDO: 10/20/16

**SAMPLE DATE: 10/19/16** 

TIME: 13:20

**DESCRIPTION:** Stormwater 001

LAB. FILE ID: 1603816

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1603816 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	1.13	0.005	BTR	11/15/16
Iron	200.7(ICAP)	Grab	mg/L	0.776	0.010	BTR	11/15/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	11/15/16
Zinc	200.7(ICAP)	Grab	mg/L	0.287	0.002	BTR	11/15/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Records



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING •CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

### BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO. COMPANY	5 Guayma	SAMPLER AVITA Client
SAMPLE LOCATION/CLIENT ID		001 TIME 13: 20 AM CONTROL NO. 187522
SAMPLE DATE	10-19-1	6 1/003016
1. General Environmental: PC   Acidity   ( )       Ammonia as N   ( )       BOD-5   ( )       Chordide   ( )       CoD   ( )       Coductivity μmhos/cm ( )       Coductivity μmhos/cm ( )       Coductivity μmhos/cm ( )       Chordide   ( )       Coductivity μmhos/cm ( )       Choromium   Cr   ( )       Choromium   Cr   ( )       Change   ( )       Choromium   Cr   ( )       Change   ( )       Choromium   Cr   ( )       Change   ( )	VSS PC  Alkalinity ( )	Sampling Witness;  Date/Time:  Relinquished by:  Date/Time:  Received by:  Date/Time:  Received by:
Nickel (Ni) ( )	Selenium         (Se)         ( )	Matrix     air ( ) water (X) sludge ( )     liquid ( ) soil ( ) solid ( )     oil ( ) mixed ( ) other ( )  Specify:  Preservative Codes = PC
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)( ) Reactivity (CN & S) ( ) RCRA Metals ( ) Organics-BNA ( ) TOX ( )	Corrosivity ( ) TCLP ( ) Organics-Pest/Herb ( ) Organics-VOA ( )	1. Cool,<6°C 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 3. Nitric Acid (HNO <sub>3</sub> ), pH<2 4. Hydrochloric acid (HCl) 5. Sodium Thiosulfate 6. Sodium Hydroxide(NaOH) 7. Zinc Acetate 8. Ascorbic Acid 9. FAS 10.Other
4. Specific Organics Volatiles ( ) Pesticides/PCB's ( ) Herbicides ( ) BTEX ( ) TTO & Dioxin ( )  5. Microbiology Fecal Coliform ( )	Phenols GC ( )	Sample type legend:  grab samples x composite samples xx  Turnaround time: Sampling Equipment:  1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( ) 3 days ( )
Comments:		<ul> <li>5 days ( )</li> <li>Note: normal turnaround time is ten (10) working days;</li> <li>additional charges apply for rush orders.</li> </ul>

Permit							
Permit #: Major:	PRR053093 No	Permittee: Permittee Address:	AES PUERTO RICO, LP Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility: Facility Location:		AES PUERTO RICO, L.P. ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	RD
Permitted Feature:	001 External Outfall	Discharge:	001-01 Steam Electric Generating Facilities				
Report Dates & Status	tus						
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	02/28/17	Status:	Netf	NetDMR Validated	
Considerations for Form Completion	Form Completion						
Principal Executive Officer	Officer						
First Name:	Manuel	Title:	Plant Manager	Telephone:		787-866-8117	
Last Name:	Mata						
No Data Indicator (NODI)	NOD()						
Form NODI:	1						
Parameter	Monitoring Location Season # Param. NOD!	Quantity	Quantity or Loading	Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name		Qualiffer 1 Value 1 G	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	er 2 Value 2 Qualifler 3	Value 3 Units		
Approximate Registration of the contract of th		Sample		0 11	0.776 19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1 - Effluent Gross	- 0	Permit Req.		=	1 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Latt Lifest Lines. No errors.

Comments

Attachments

Report Last Saved By

AES PUERTO RICO, LP

manuel.mata@aes.com Manuel Mata Name: E-Mail:

manuel.mata@aes.com

Date/Time: 2016-12-16 08:39 (Time Zone: -05:00)

Permit

Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	<b>9</b>	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	Ω
Permitted Feature:	001 External Outfall	Discharge:	001-Q1 Water Transportation Facilities			
Report Dates & Status						
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	02/28/17	Status:	NetDMR Validated	
Considerations for Form Completion	n Completion					
Principal Executive Officer	lcer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	9					
Form NODI:	1					
Parameler	Monitoring Location Season # Param. NOD!		Quantity or Loading	Quality or Concentration	# of Ex. Frequency of Analysis, Sample Type	rata Samole Type
Code Name		Qualifier 1 Value	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	aliffer 2 Value 2 Qualiffer 3 Value	H 1068	
		Sample		= 0.776	19 - mg/L 01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req.		<= 1 MAXIMUM	UM 19 - mg/L 01/90 - Quarterly	GR - GRAB
		Sample		< 0.002	19 - mg/L 01/90 - Quarterty	GR - GRAB
01051 Lead, total [as Pb]	1 - Effluent Gross 0	Permit Req.		<= .21 MAXI	.21 MAXIMUM 19 - mg/L 01/90 - Quarterly	GR - GRAB
		Sample		= 287	28 - ug/L 01/90 - Quarterly	GR - GRAB
X 01092 Zinc, total [as Zn]	1 - Effluent Gross 0	Permit Req.		c= 90 MAXIN	90 MAXIMUM 28 - ug/L 01/90 - Quarterly	GR - GRAB
		Semple		1.13	19 - mg/L 01/90 - Quarterly	GR - GRAB
X 01105 Aluminum, total (as Al) 1 - Eff	J 1 - Effluent Gross 0 -	Permit Req. Value NOD!		<= .75 MAXI	.75 MAXIMUM 19 - mg/L 01/90 - Quarterly	GR - GRAB
Submission Note						
f a parameter row does r	not contain any values for the Sample r	ior Effluent Trading, then non	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.	r that row: Units, Number of Ex	cursions, Frequency of Analysis, and	Sample Type.
Edit Check Errors						
Darsmeler						

	Parameter		: •	1		
Code	Name	Monitoring Location		Type	<b>Description</b> Activ	Acknowledge
01092	Zinc, total [as Zn]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
01105	Aluminum, total [as Al]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
Comments	ents					
Attachments	ments					
No attachments.	ments.					
Report	Report Last Saved By					
AES P	AES PUERTO RICO, LP					
User:	manuel.mata@aes.com	com		Date/Time:	s: 2016-12-16 08:55 (Time Zone: -05:00)	
Name:	Manuel Mata					
E Mail.	mon non-Batem lourem	E C				





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 16, 2016

**CONTRACT:** AES - Guayama

LAB. SAMPLE ID: BEL-1603817

SAMPLE COLLECTED BY: Client (H. Ávila)

**DATE RECEIVEDO: 10/20/16** 

**SAMPLE DATE: 10/18/16** 

TIME: 11:49

**DESCRIPTION: Stormwater 002** 

LAB. FILE ID: 1603817

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1603817 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.207	0.005	BTR	11/15/16
Iron	200.7(ICAP)	Grab	mg/L	0.222	0.010	BTR	11/15/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	11/15/16
Zinc	200.7(ICAP)	Grab	mg/L	0.038	0.002	BTR	11/15/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda, Iris M. Chévere Alfonzo

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Reco



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO. COMP	ES Guayame	SAMPLER Avita diet
SAMPLE LOCATION/CLIENT ID	Stormwater 00:	Z TIME //.'Y9 AM CONTROL NO.
SAMPLE DATE	10-18-16	BEL. NO. /603817 187557
1. General Environmental: PC Acidity ( ) Ammonia as N ( ) BOD-5 ( ) Chloride ( ) COD ( ) Conductivity μmhos/em ( )	Alkalinity ( ) Date Bicarbonate ( ) Reli Bromide ( ) Chlorine, Res. ( ) Color (ADMI) ( ) Date	nplingWitness;e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:e/Time:
Dissolved Oxygen ( )	Fluoride   Color   C	re/Time: 10-20-16 9:20  inquished by:  first him from  re/Time: 10-20-16 //:22 Au  re/Time: 10/20/16 11:22am
Asbestos ( )	Carbonate ( )	inquished by:  te/Time:  te/Time:  te/Time:  fatrix  air () water (X) sludge () liquid () soil () solid () oil () mixed () other ()  ecify:  eservative Codes = PC
3. RCRA/Hazardous wastes Ignitability (Flash Pt.) ( ) Reactivity (CN & S) ( ) RCRA Metals ( ) Organics-BNA ( ) TOX ( )	_ Corrosivity ( ) 2. S _ TCLP ( ) 3. N _ Organics-Pest/Herb ( ) 4. I	Cool, <6° C  Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2  Nitric Acid (HNO <sub>3</sub> ), pH<2  Hydrochloric acid (HCl)  Sodium Thiosulfate  6. Sodium Hydroxide(NaOH)  7. Zinc Acetate  8. Ascorbic Acid  9. FAS  10.Other
4. Specific Organics Volatiles ( ) — Pesticides/PCB's ( ) — Herbicides ( ) — BTEX ( ) — TTO & Dioxin ( ) —  5. Microbiology Fecal Coliform ( ) —	Semi-Volitiles (BNA) ( )	grab samples x composite samples xx arnaround time: Sampling Equipment:  1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( ) 3 days ( )
Comments:		5 days ( )  Note: normal turnaround time is ten (10) working days;  additional charges apply for rush orders.

Permit						
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	2	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	D2
Permitted Feature:	002 External Outfall	Discharge:	002-O1 Steam Electric Generating Facilities			
Report Dates & Status	5					
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	02/28/17	Status:	NetDMR Validated	
Considerations for Form Completion	orm Completion					
Principal Executive Officer	Officer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	(Iao					
Form NODI:	1					
Parameter Mc	Monitoring Location Season # Param. NODI	Quar	Quantity or Loading	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name		Qualifier 1 Value	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	er 2 Value 2 Qualifier 3 Value 3	Units	
		Sample		= 0.222	19 - mg/L 01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe] 1 - Effluent Gross	Effluent Gross 0 -	Permit Req.		<= 1 MAXIMUM 19 - mg/L	1 19 - mg/L 01/90 - Quarterly	GR - GRAB
A Line Motor						

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors. Comments

Attachments No attachments.

Report Last Saved By

AES PUERTO RICO, LP

manuel.mata@aes.com

Date/Time: 2016-12-16 08:46 (Time Zone:-05:00)

Manuel Mata

manuel.mata@aes.com E-Mail:

				The same of the sa					
Permit #:	PRR053093	1093		Permittee:	AES PUERTO RICO, LP	Facility:	AES PL	AES PUERTO RICO, L.P.	
Major:	ž			Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	۵
Permitted Feature:	ure: 002 External Outfall	Outfall		Discharge:	002-Q1 Water Transportation Facilities				
Report Dates & Status	Status			. ,					
Monitoring Period:		From 10/01/16 to 12/31/16	1/16	DMR Due Date:	02/28/17	Status:	NetDM	NetDMR Validated	
onsideration	Considerations for Form Completion	uo.							
Principal Executive Officer	utive Officer								
First Name:	Manuel			Title:	Plant Manager	Telephone:	787-866-8117	5-8117	
Last Name:	Manuel					-			
No Data Indicator (NODI)	tor (NODI)			TO LOS MILES TO LOS TO ANOTHER METALLINES TO LOS TO ANOTHER METALLINES TO ANOTHER ANOTHER METALLINES TO ANOTHER ANOT					
Form NODI:	1								
Parameter		Monitoring Location Season # Param. NOD!	Param. NODI	Quantity	Quantity or Loading Quality or Concentration	Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	sis Sample Typ
				Sample Sample			0.222 19 - mg/l	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe]	Fe] 1 - Effluent Gross	. 0 ss		Permit Req.			SIMUM		GR - GRAB
				Sample		v	0.002 19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb]	s Pb] 1 - Effluent Gross	. 0 ss		Permit Req.			.21 MAXIMUM 19 - mg/L		GR - GRAB
				Sample		36	38 28 - ug/L	01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as Zn]	s Zn] 1 - Effluent Gross	- 0 ss		Permit Req.			90 MAXIMUM 28 - ug/L	01/90 - Quarterly	GR - GRAB
				Sample			0.207 19 - mg/L	01/90 - Quarterly	GR - GRAB
05 Aluminum, to	01105 Aluminum, total [as Al] 1 - Effluent Gross	- 0 ss		Permit Req.		<i>T.</i>	.75 MAXIMUM 19 - mg/L		GR - GRAB
Submission Note	ole								
lf a parameter ro Type.	ow does not contain a	iny values for th	e Sample n	ior Effluent Trading, then non	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.	d for that row: Units, Num	iber of Excursions,	Frequency of Analysis, an	d Sample
Edit Check Errors	ors								
No errors.									
Comments	TO SELECT THE SELECT T								
Attachments									
No attachments.									
Report Last Saved By AFS PUERTO RICO. LP	ived By RICO. LP								
MILE SECTION	mon non-Batom Journa			は のかかれて というない となる とのない ののでき		or ur arou	100.30 33:00 31 CL 3100	06.001	
	manuel.mata@aes.con	E			Date/I me:	2016-12-16	18:56 (Time Zone:	-05:00)	
	Manuer Mara								
E-Mail: m	manuel.mata@aes.com	E							





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 16, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1603818

SAMPLE COLLECTED BY: Client (H. Ávila)

**DATE RECEIVEDO: 10/20/16** 

**SAMPLE DATE: 10/18/16** 

TIME: 11:55

**DESCRIPTION:** Stormwater 003

LAB. FILE ID: 1603818

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1603818 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.242	0.005	BTR	11/15/16
Iron	200.7(ICAP)	Grab	mg/L	0.188	0.010	BTR	11/15/16
Lead	200.7(ICAP)	Grab	mg/L	< 0.002	0.002	BTR	11/15/16
Zinc	200.7(ICAP)	Grab	mg/L	0.034	0.002	BTR	11/15/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1) 50 01 A 4 605995

PRECORDS (4) SO GRAN 605995

Iris M. Chévers
Alfonso
Lic # 2.76

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.

REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.

CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING

•CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

### BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO. COMPANY	55 Quayma	SAMPYER Avila Cheet
SAMPLE LOCATION/CLIENT ID	Stormwater 00	11:55 AM CONTROL NO.
SAMPLE DATE	10-18-16	7803818
	VSS	Sampling Witness; Date/Time: Received by: Date/Time:   10
Vanadium (V) ( )  3. RCRA/Hazardous wastes Ignitability (Flash Pt.) ( ) Reactivity (CN & S) ( ) RCRA Metals ( ) Organics-BNA ( ) TOX ( )  4. Specific Organics Volatiles ( )	Corrosivity ( )  TCLP ( )  Organics-Pest/Herb ( )  Organics-VOA ( )  Phenols GC ( )  Semi-Volitiles (BNA) ( )  PCB's Only ( )	1. Cool,<6°C 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 3. Nitric Acid (HNO <sub>3</sub> ), pH<2 4. Hydrochloric acid (HCl) 5. Sodium Thiosulfate  Sample type legend: grab samples  6. Sodium Hydroxide(NaOH) 7. Zinc Acetate 8. Ascorbic Acid 9. FAS 10.Other
Pesticides/PCB's ( ) Herbicides ( )	TPH 418.1 ( )	composite samples xx
BTEX ( ) TTO & Dioxin ( )	TPH 8015 ()	Turnaround time: Sampling Equipment:
5. Microbiology Fecal Coliform ( )	Lindane ( )  Total Coliform ( )	1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( ) 3 days ( )
Comments:		5 days ( )
		Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Leumin						
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	2	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	۵.
Permitted Feature:	003 External Outfall	Discharge:	003-O1 Steam Electric Generating Facilities			
Report Dates & Status	Si					
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	02/28/17	Status:	NetDMR Validated	
Considerations for Form Completion	orm Completion					
Principal Executive Officer	Officer					
First Name:	Manuel		Plant Manager	Telephone:	787-866-8117	
ast Name:	Mata					
No Data Indicator (NODI)	(lac					
Form NODI:	1					
Parameter Mc	Monitoring Location Season # Param. NOD!	Quantity	Quantity or Loading	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	s Sample Type
Code Name		Qualifier 1 Value 1 Qu	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	2 Value 2 Qualifier 3 Value 3	Units	
01045 Iron, total [as Fe] 1 - Effluent Gross	- 0	Sample Permit Req. Value NOD!		= 0.188 19 - mg/L <= 1 MAXIMUM 19 - mg/L	19 - mg/L 01/90 - Quarterly 19 - mg/L 01/90 - Quarterly	GR - GRAB GR - GRAB
Submission Note	,					

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No atlachments. Report Last Saved By Attachments

manuel.mata@aes.com Manuel Mata Name: E-Mail:

AES PUERTO RICO, LP

Date/Time: 2016-11-28 09:06 (Time Zone: -05:00)

manuel.mata@aes.com

Permit										
Permit #:	PRR053093			Permittee:	AES PUERTO RICO, LP	Facility:		AES PUERTO RICO, L.P.	RICO, L.P.	
Major:	2			Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. GUAYAMA, PI	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	•
Permitted Feature:	003 External Outfall	ıfall		Discharge:	003-Q1 Water Transportation Facilities					
Report Dates & Status										
Monitoring Period:	From 10/01/16 to 12/31/16	/16 to 12	2/31/16	DMR Due Date:	02/28/17	Status:		<b>NetDMR Validated</b>	lated	
Considerations for Form Completion	rm Completion									
Principal Executive Officer	ficer									
First Name:	Manuel			Title:	Plant Manager	Telephone:		787-866-8117		
Last Name:	Mata									
No Data Indicator (NODI)	(Id									
Form NODI:	1									
Parameter	Monitoring Location Season # Param. NOD!	on Seasor	n # Param. NOD!		Loading	Quality or Concentration		100000	# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name				Qualifier 1 Value 1 Qua	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	alifier 2 Value 2 Qualifier 3	Value 3	Safts		
Section Newscard Contract Cont				Sample		0	0.188	19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	1	Permit Req.			1 MAXIMUM	19 - mg/L	01/90 - Quarterly	GR - GRAB
				Sample		v	0.002	19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb]	1 - Effluent Gross	0	ı	Permit Req.		.,	.21 MAXIMUM 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB
				Sample			34	28 - ug/L	01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as Zn]	1 - Effluent Gross	0	1	Permit Req.		6 =>	90 MAXIMUM 28 - ug/L	28 - ug/L	01/90 - Quarterly	GR - GRAB
				Sample		0 ==	0.242	19 - mg/L	01/90 - Quarterly	GR - GRAB
01105 Aluminum, total [as Al] 1 - Effluent Gross	1 - Effluent Gross	0	Ĺ	Permit Req.		· =>	.75 MAXIMUM 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Submission Note

Edit Check Errors

No errors.

Attachments

No attachments. Report Last Saved By

AES PUERTO RICO, LP

Manuel Mata Name: E-Mail:

Date/Time:

2016-11-28 09:08 (Time Zone: -05:00)





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 16, 2016

**CONTRACT:** AES - Guayama

LAB. SAMPLE ID: BEL-1603818

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVEDO: 10/20/16

**SAMPLE DATE: 10/18/16** 

TIME: 11:55

**DESCRIPTION:** Stormwater 003

LAB. FILE ID: 1603818

MATRIX: Water

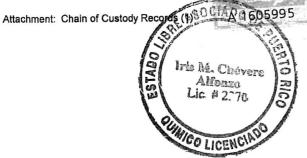
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1603818 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.242	0.005	BTR	11/15/16
Iron	200.7(ICAP)	Grab	mg/L	0.188	0.010	BTR	11/15/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	11/15/16
Zinc	200.7(ICAP)	Grab	mg/L	0.034	0.002	BTR	11/15/16

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda, Iris M. Chévere Alfohz Laboratory Director Chemist License 2370



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING •CERTIFICATION NUMBER E87556•

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO. COMPANY	( Swang ma	SAMPLER Avila Chet
	Stormwater 00	
SAMPLE DATE	10-18-16	7003018
Acidity ( )	Alkalinity ( ) I Bicarbonate ( ) F Bromide ( ) F Color (ADMI) ( ) I Color (Pt-Co) ( ) I Cyanide ( ) I Iddide ( ) I Nitrate + Nitrite ( ) I Phosphate. Ortho ( ) I	Sampling Witness;  Date/Time: Relinquished by:  Date/Time;  Date/Time;  Date/Time;  Date/Time!  Date/Time!  Date/Time!  Date/Time:  Date/T
Sulfate ( )	Solids, Total       ( )	Received by:  Date/Time: 10/20/14 11:22am  Relinquished by:  Date/Time:
2. Metals: Aluminum (Al) (X) (3 Chromium (Cr) ( ) ( ) Iron (Fe) (X) (3 Manganese (Mn) ( ) Nickel (Ni) ( ) Silver (Ag) ( ) Zinc (Zn) (X) (3 Barium (Ba) ( ) Antimony (Sb) ( ) Antimony (Sb) ( ) Bismuth (Bi) ( ) Chromium, VI (CrVI) ( ) Magnesium (Mg) ( ) Potassium (K) ( ) Sodium (Na) ( ) Thallium (Tl) ( ) Vanadium (V) ( )	Cadmium (Cd) ( )	Received by:  Date/Time:  Matrix  air () water (X) sludge () liquid () soil () solid () oil () mixed () other ()  Specify:  Preservative Codes = PC  1. Cool, < 6°C 6. Sodium Hydroxide(NaOH
3, RCRA/Hazardous wastes Ignitability (Flash Pt.)( ) Reactivity (CN & S) ( ) RCRA Metals ( ) Organics-BNA ( ) TOX ( )	Corrosivity ( ) TCLP ( ) Organics-Pest/Herb ( ) Organics-VOA ( )	2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 3. Nitric Acid (HNO <sub>3</sub> ), pH<2 4. Hydrochloric acid (HCl) 5. Sodium Thiosulfate 7. Zinc Acetate 8. Ascorbic Acid 9. FAS 10.Other
4. Specific Organics Volatiles ( ) Pesticides/PCB's ( ) Herbicides ( ) BTEX ( ) TTO & Dioxin ( )  5. Microbiology Fecal Coliform ( )	Phenols GC ( ) Semi-Volitiles (BNA) ( ) PCB's Only ( ) TPH 418.1 ( ) TTO ( ) TPH 8015 ( ) Lindane ( )  Total Coliform ( )	Sample type legend:  grab samples x composite samples xx  Turnaround time: Sampling Equipment:  1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( ) 3 days ( )
Comments:		5 days ( ) Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Fermit				The second secon			
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	RICO, L.P.	
Major:	2	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	0
Permitted Feature:	003 External Outfall	Discharge:	003-O1 Steam Electric Generating Facilities				
Report Dates & Status							
Monitoring Period:	From 10/01/16 to 12/31/16	DMR Due Date:	02/28/17	Status:	NetDMR Validated	dated	
Considerations for Form Completion	m Completion						
Principal Executive Officer	licer						
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117		
Last Name:	Mata						
No Data Indicator (NODI)	ûc						
Form NODI:	1						
	Monitoring Location Season # Param. NOD!	Quantity	Quantity or Loading	Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	Sample Type
Code Name		Qualifier 1 Value 1 Qu	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	lifler 2 Value 2 Qualifier 3 Valu	Units		
01045 Iron, total [as Fe] 1 - Effluent Gross	0	Sample Permit Req. Value NOD!		= 0.188 <= 1 MAXI	0.188 19 - mg/L 0 1 MAXIMUM 19 - mg/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
Ontraction Motor							

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Edit Check En

No errors.

Attachments
No attachments.
Report Last Saved By

AES PUERTO RICO, LP User: manuel.mata@aes.com

Date/Time: 2016-11-28 09:06 (Time Zone: -05:00)

Name: Manuel Mata

II: manuel.mata@aes.com

Permit								
Permit #:	PRR053093		Permittee:	AES PUERTO RICO, LP	Facility:	AES PUE	AES PUERTO RICO, L.P.	
Major:	2		Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:		ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature:	003 External Outfall		Discharge:	003-Q1 Water Transportation Facilities				
Report Dates & Status					•			
Monitoring Period:	From 10/01/16 to 12/31/16	to 12/31/16	DMR Due Date:	02/28/17	Status:	NetDMR	NetDMR Validated	
Considerations for Form Completion	rm Completion							
Principal Executive Officer	fficer							
First Name:	Manuel		Title:	Plant Manager	Telephone:	787-866-8117	8117	
Last Name:	Mata							
No Data Indicator (NODI)	(IO							
Form NODI:	1							
Parameter	Monitoring Location Season # Param. NODI	leason # Param. NO		r Loading	Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name			Qualifier 1 Value 1 Qu	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Ilfler 2 Value 2 Qualifler 3	Value 3 Units		
			Sample		= 0.1	0.188 19 - mg/L	01/90 - Quarterly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	1	Permit Req. Value NOD!		<= 1N	1 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		> 0.0	0.002 19 - mg/L	01/90 - Quarterly	GR - GRAB
01051 Lead, total [as Pb]	1 - Effluent Gross 0	(	Permit Req.		<= .21	.21 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
			Sample		= 34	28 - ug/L	01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as Zn]	1 - Effluent Gross 0	ť	Permit Req.		06 =>	90 MAXIMUM 28 - ug/L	01/90 - Quarterly	GR - GRAB
			Sample		= 0.2	0.242 19 - mg/L	01/90 - Quarterly	GR - GRAB
01105 Aluminum, total [as Al] 1 - Effluent Gross	1 - Effluent Gross 0	į.	Permit Req.		27. =>	.75 MAXIMUM 19 - mg/L	01/90 - Quarterly	GR - GRAB
			IOON SORA					

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type. Submission Note

Edit Check Errors

No errors.

Attachments

Report Last Saved By

AES PUERTO RICO, LP

Name: E-Mail:

Manuel Mata

2016-11-28 09:08 (Time Zone: -05:00)

Date/Time:





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** April 12, 2017

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1701662

SAMPLE COLLECTED BY: Client (P. Labayen)

Alfonzo rd (1) 1 ic # 2370 **SAMPLE DATE: 03/23/17** 

**DESCRIPTION:** Outfall 002

DATE RECEIVED: 03/24/17

**TIME:** 1:05PM

LAB. FILE ID: 1701662

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1701662 RESULTS	MDL	ANALYST	DATE ANALYZED
Iron	200.7(ICAP)	Grab	mg/L	12.8	0.020	BTR	04/05/17

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonz

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Rec

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING **•CERTIFICATION NUMBER E87556•** 

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

## CHAIN OF CUSTODY RECORD

PROYECT NO.	СОМРА		ayama	SAMPLER P. Labayer
SAMPLE LOCATION/CLIP	ENT ID	outfall on 2		TIME AM CONTROL NO.
SAMPLE DATE		3/13/17		BEL. NO. 170/662 193106
General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ( )		Alkalinity (	)	Date/Time:
Ammonia as N ( )		Bicarbonate (	)	Relinguished by:
BOD-5 ( )		Bromide (	)	N 1 0 12
Chloride ( )		Chlorine, Res. (	)	- Talle & plep
Conductivity µmhos/cm (		Color (ADMI) (	)	Date/Time: 3/24/17 10: 30 AM
Dissolved Oxygen ( )	<i>'</i>	Color (Pt-Co) ( Cyanide (	)	Received by:
Hardness ( )		Fluoride (	\	Received by.
Moisture %		Iodide (	) —	
Nitrite ( )		Nitrate (	)	Date/Time: 3-24-17 10:30 nm
Oil+Grease ( )		Nitrate + Nitrite (	<u> </u>	Relinquished by:
Phenol ( )		pH, S.U. (	)	Tomiquisited by
Phosphorus, Total ( )		Phosphate, Ortho (	)	
Sett Solids mg/L ( )		Sett. Solids mL/L (	)	Date/Time: 3-24-17 2:330
Sulfate ( )		Solids, Total (	)	Received by: // 9
Sulfite ( )		Sulfide (	)	Received by.
TDS ( )		Surfactant (	)	
Temperature, °C ( )		TSS (	) , ,	Date/Time: 3/24/17 2:33am
Asbestos ( )		TKN ( Turbidity (	· —	Relinquished by:
TVS ( )		Carbonate (	(	Remiquished by.
Total Nitrogen ( )		Carbonate (	,	
2. Metals:				Date/Time:
Aluminum (Al) ( )		Cadmium (Cd) (	)	
Chromium (Cr) ( )	/	Copper (Cu) (	<u> </u>	Received by:
Iron . (Fe) (X)	/ 13	Lead (Pb) (	<u> </u>	
Manganese (Mn) ( )		Mercury (Hg) (	)	Date/Time:
Nickel (Ni) ( )		Selenium (Se) (	)	
Silver (Ag) ( )	-	Tin (Sn) (	)	Matrix
Zinc (Zn) ()		Arsenic (As) (	)	
Barium (Ba) ( )		Boron (B) (	)	( )
Antimony (Sb) ( ) Bismuth (Bi) ( )		Beryllium (Be) (	)	liquid ( ) soil ( ) solid ( )
Chromium, VI (CrVI) ( )		Calcium (Ca) ( Cobalt (Co) (	) —	oil () mixed () other ()
Magnesium (Mg) ( )		Molybdenum (Mo) (	· —	
Potassium (K) ( )		Silicon (Si) (	· —	Specify:
Sodium (Na) ( )		Strontium (Sr) (	) —	
Thallium (Tl) ( )		Titanium (Ti) (	)	Preservative Codes = PC
Vanadium (V) ( )		Lithium (Li) (	)	
				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes	3			,
Ignitability (Flash Pt.)( )		Corrosivity (	)	2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )		TCLP (	)	3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )		Organics-Pest/Herb (	)	4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA ( ) TOX ( )	_	Organics-VOA (	)	5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenols GC (	1	
Volatiles ( )		Semi-Volitiles (BNA) (	, —	Sample type legend:
Pesticides/PCB's ( )		PCB's Only (	<u> </u>	grab samples x
Herbicides ( )		TPH 418.1 (	<u> </u>	
BTEX ( )		TTO (	<u> </u>	composite samples xx
TTO & Dioxin ( )	_	TPH 8015 (	)	Turnaround time: Sampling Equipment:
` '		Lindane (	)	1 9 1
5. Microbiology		· ·		1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform (	)	
				2 days ( ) Sample Pick Up ( )
Comments:				3 days ( )
Comments.				5 days ( )
				Note: normal turnaround time is ten (10) working days;
				normal turnaround time is ten (10) working days,

Original

additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guavama

**DATE:** May 11, 2017

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1702159

DATE RECEIVED: 04/24/17

SAMPLE DATE: 04/24/17

**DESCRIPTION: Storm Water 001** 

SAMPLE COLLECTED BY: Client (Pedron E. Labayen)

TIME: 10:45AM

LAB. FILE ID: 1702159

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1702159 RESULTS	MDL	ANALYST	DATE ANALYZED
Iron	200.7(ICAP)	Grab r	ng/L	0.322	0.020	BTR	05/09/17

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfo

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Record (1)

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Alfonzo 1.ic # 2370

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PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING ·CERTIFICATION NUMBER E87556

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

## CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES		SAMPLER Pedro E. Labayen
SAMPLE LOCATION/CLIEN	T ID	Stam Water	00	TIME 10:45 PM CONTROL NO.
SAMPLE DATE		4/24/2017		BEL. NO. 1702159 192696
General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ( )	020 270	Alkalinity ( )		Date/Time:
Ammonia as N ( )		Bicarbonate ( )		
BOD-5 ( )		Bromide ( )		Relinquished by:
Chloride ( )		Chlorine, Res. ( )		Tepn C pap
COD ( )		Color (ADMI) ( )		Date/Time: 4/24/2017 2:22 Dm
Conductivity µmhos/cm ( )		Color (Pt-Co) ( )		
Dissolved Oxygen ( )		Cyanide ( )	_	Received by:
Hardness ( )		Fluoride ( )		
Moisture % ( )		lodide ( )		D. 1. 1. 24 . 2 21020
Nitrite ( )		Nitrate ( )		Date/Time: 4-24-17 2:22 pm
Oil+Grease ( )		Nitrate + Nitrite ( )		Relinquished by:
Phenol ( )		pH, S.U. ( )		(FC)
Phosphorus, Total ( )		Phosphate, Ortho ( )		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Sett Solids mg/L ( )	-	Sett. Solids mL/L ( )		Date/Time: 4-24-17
Sulfate ( )		Solids, Total ( )		Received by:
Sulfite ( )		Sulfide ( )		Model vod by.
TDS ( )	-	Surfactant ( )		at the last
Temperature, °C ( )	-	TSS ( )		Date/Time: 4/74/17 3:47PM
TOC ()	_	TKN ( )		
Asbestos ( )	**********	Turbidity ( )	-	Relinquished by:
TVS ( )		Carbonate ( )		
Total Nitrogen ( )				Date/Time:
2. Metals:		Catalian (CI)		
Aluminum (Al) ( )	_	Cadmium (Cd) ( )		Received by:
Chromium (Cr) ( )	2	Copper (Cu) ( )		•
Iron (Fe) (X)	ها	Lead (Pb) ( )		Date/Time:
Manganese (Mn) ( ) Nickel (Ni) ( )		Mercury (Hg) ( )		Date/Time
` , ` ,		Selenium (Se) ( ) Tin (Sn) ( )		Madula
Silver (Ag) ( ) Zinc (Zn) ( )		Arsenic (As) ( )		Matrix
Barium (Ba) ( )		Boron (B) ( )		air ( ) water (×) sludge ( )
Antimony (Sb) ( )		Beryllium (Be) ( )	-	liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( )		Calcium (Ca) ( )		
Chromium, VI (CrVI) ( )		Cobalt (Co) ( )		oil ( ) mixed ( ) other ( )
Magnesium (Mg) ( )		Molybdenum (Mo) ( )		
Potassium (K) ( )		Silicon (Si) ()		Specify:
Sodium (Na) ( )		Strontium (Sr) ( )		
Thallium (Tl) ( )		Titanium (Ti) ( )		Preservative Codes = PC
Vanadium (V) ( )		Lithium (Li) ( )		
(., ( )		()		1 C-1 <0C
3. RCRA/Hazardous wastes				1. Cool,<6° C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)( )		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )		TCLP ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )		Organics-Pest/Herb ( )		• •
Organics-BNA ( )		Organics-VOA ( )		4. Hydrochloric acid (HCl) 9. FAS
TOX ( )		- ,		5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenols GC ( )		Sample type legends
Volatiles ( )		Semi-Volitiles (BNA) ( )		Sample type legend:
Pesticides/PCB's ( )		PCB's Only ( )		grab samples x
Herbicides ( )		TPH 418.1 ( )	_	composite samples xx
BTEX ()		TTO ()		
TTO & Dioxin ( )		TPH 8015 ( )		Turnaround time: Sampling Equipment:
. /		Lindane ( )		
5. Microbiology		• •		1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform ( )	_	
			_	2 days ( ) Sample Pick Up ( )
•		•		3 days ( )
Comments:				5 days ( )
				Note: normal turnaround time is ten (10) working days;
			Orio	additional charges apply for rush orders.

Original





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** May 11, 2017

LAB. SAMPLE ID: BEL-1702208

**SAMPLE DATE: 04/26/17** 

CONTRACT: AES - Guayama

**DESCRIPTION: Storm Water 002** 

SAMPLE COLLECTED BY: Client (Pedron E. Labayen) DATE RECEIVED: 04/26/17

**TIME: 8:30AM** 

LAB. FILE ID: 1702208

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1702208 RESULTS	MDL	ANALYST	DATE ANALYZED
Iron	200.7(ICAP)	Grab r	ng/L	1.88	0.020	BTR	05/09/17

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Record (1)

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PAGE 1 OF 1

## CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	ES G	044	GN	sampler Pedro E. Labaya
SAMPLE LOCATION/CLIENT	ID (	storm Water	00	5 2	TIME 8:30 AM CONTROL NO.
SAMPLE DATE		04/2	6/2	01	7 BEL. NO. 1702208 193461
General Environmental:     Acidity	PC	VSS Alkalinity	)	PC	SamplingWitness;
Ammonia as N ( )		Bicarbonate	)		Relinquished by:/
BOD-5 ( ) Chloride ( )		Bromide ( Chlorine, Res. (	)		Kand Han
COD ( )		Color (ADMI)	)	_	Date/Time: 4/26/2017 11:00 DM
Conductivity µmhos/cm ( ) Dissolved Oxygen ( )		Color (Pt-Co) ( Cyanide (	)		Received by:
Hardness ( )	_	Fluoride (	)		Accerved by the last
Moisture % ( ) Nitrite ( )	-	Iodide (	)		Date/Time: 04/26/2017 1:00 pm
Oil+Grease ( )		Nitrate ( Nitrate + Nitrite	)	_	Relinquished by:
Phenol ( )		pH, S.U.	)	_	Remiquished by:
Phosphorus, Total ( ) Sett Solids mg/L ( )		Phosphate, Ortho ( Sett. Solids mL/L (	)		Pata/Times 412/1/2 12/1/04
Sulfate ()		Solids, Total (	)		Date/Time: 4/26/17 6 245 Pm
Sulfite ( ) TDS ( )		Sulfide (	)	_	Received by:
Temperature, °C ( )		Surfactant ( TSS (	)		D. (Ti)
TOC ()		TKN (	)	_	Date/Time: 4/24/17 6:45pm
Asbestos ( ) TVS ( )		Turbidity ( Carbonate (	)		Relinquished by:
Total Nitrogen ( )	_	Carbonate	,		
2. Metals: Aluminum (Al) ( )		Calminum (C.D. (			Date/Time:
Aluminum (Al) ( ) Chromium (Cr) ( )		Cadmium (Cd) ( Copper (Cu) (	)	-	Received by:
Iron (Fe) (Se)	13	Lead (Pb) (	ý	_	D //DV
Manganese (Mn) ( ) Nickel (Ni) ( )		Mercury (Hg) ( Selenium (Se) (	)		Date/Time:
Silver (Ag) ( )	_	Tin (Sn) (	)	_	Matrix
Zinc (Zn) ( ) Barium (Ba) ( )	_	Arsenic (As) (	)		air () water (🔊 sludge ()
Antimony (Sb) ( )	_	Boron (B) ( Beryllium (Be) (	)		liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( )		Calcium (Ca) (	)	_	oil () mixed () other ()
Chromium, VI (CrVI) ( ) Magnesium (Mg) ( )		Cobalt (Co) ( Molybdenum (Mo) (	)	-	( )
Potassium (K) ( )		Silicon (Si) (	)	_	Specify:
Sodium (Na) ( ) Thallium (Tl) ( )		Strontium (Sr) (	)		Preservative Codes = PC
Vanadium (V) ( )	_	Titanium (Ti) ( Lithium (Li) (	)	_	reservative Codes – PC
2 DCD 4 ///		, , ,	,	***************************************	1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)( )		Corrosivity (	)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )		TCLP (	)		3. Nitric Acid (HNO <sub>3</sub> ), pH<2  8. Ascorbic Acid
RCRA Metals ( ) Organics-BNA ( )			)		4. Hydrochloric acid (HCl) 9. FAS
TOX ()	_	Organics-VOA (	)		5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenols GC (	)		Sample type legend:
Volatiles ( ) Pesticides/PCB's ( )		Semi-Volitiles (BNA) (	)		grab samples x
Pesticides/PCB's ( ) Herbicides ( )		PCB's Only ( TPH 418.1 (	)		
BTEX ( )		TTO (	)	_	-
TTO & Dioxin ( )		TPH 8015 ( Lindane (	)		Turnaround time: Sampling Equipment:
5. Microbiology		Dilidalie (	,		1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform (	)		2 days ( ) Sample Pick Up ( )
					3 days ( )
Comments:					5 days ( )
					Note: normal turnaround time is ten (10) working days;
					1 VOIC. Horman turnaround time is tell (10) working days;

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additional charges apply for rush orders.

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Permitted:         No.         Permitted Address:         RAES PUERTO RICO. LP         Facility Location:         RAES PUERTO RICO. LP           Major:         No.         Permitted Address:         Road 45 km. 142 Jobos Ward         Facility Location:         ROAD #5 kM. 142 JOBOS WARD           Permitted Feature:         01         External Outfail         Bischarge:         001-01         Assample Particle         ROAD #5 kM. 142 JOBOS WARD           Report Dates & Status:         Considerations for From Outfut In Complexion         In External Outfail         Discharge:         001-01         Assample Particle         <	Permittee Permittee Address: Discharge: DMR Due Date:	PUERTO RICO, LP #3 km. 142 Jobos Ward ama, PR 00784  M I Electric Generating Facilities  Manager Manager	Facility Location: Facility Location: Status: Telephone: Telephone:	866-811	ARD is Sample Type GR - GRAB GR - GRAB
Major:  Permitted Feature:  Out Report Dates & Status Monitoring Period: External Outfall Report Dates & Status Monitoring Period: From 0401/17 to 06/30/17 Considerations for Form Completion Principal Executive Officer First Name: Manuel Last Name: Manuel Anne: Anne: Baranneter (NoDI)  Cog anne Note It parameter row does not contain any values for the Sam Sample Type. Comments	Permittee Address: Discharge: DMR Due Date:	Road #3 km. 142 Jobos Ward Guayama, PR 00784 001-01 Steam Electric Generating Facilities 08/31/17 Plant Manager Oading Quality or	Facility Location: Status: Telephone: Telephone:	44 0 %	4RD is Sample Type GR - GRAB GR - GRAB
Permitted Feature: 001  External Outfall  Report Dates & Status  Report Dates & Status  Monitoring Period: From 04/01/17 to 06/30/17  Considerations for Form Completion  Principal Executive Officer  Manuel  Last Name: Manuel  No Data Indicator (NODI)	Discharge: DMR Due Date:	Steam Electric Generating Facilities  08/31/17  Plant Manager  Coading  Quality or  Guality or	Status:   Telephone: r Concentration alue 2 Qualifier 3 Value 3	0 %	its Sample Type GR - GRAB GR - GRAB
Report Dates & Status  Nonitoring Period: From 04/01/17 to 06/30/17  Considerations for Form Completion  Principal Executive Officer  Alst Name: Manuel  Last Name: Manuel	DMR Due Date:	08/31/17 Plant Manager Coading Oualifer 1 Value 1 Qualifer 2 Va	Status: Telephone: Concentration alue 2 Qualifier 3 Vatue 3	0 %	its Sample Type GR - GRAB GR - GRAB
Monitoring Period: From 04/01/17 to 06/30/17 Considerations for Form Completion Principal Executive Officer Alast Name: Manuel	DMR Due Date:	08/31/17 Plant Manager Assistant Manager Coading Gualiffer 1 Value 1 Qualiffer 2 Value 2 Units Qualiffer 2 Value 2 Units Qualiffer 2 Value 2 Units Qualiffer 2 Value 3 Qualiffer 2 Value 3 Qualiffer 3 Value 4 Qualiffer 2 Value 5 Qualiffer 3 Value 6 Qualiffer 6 Value 7 Qualiffer 7 Value 7	Status: Telephone: Toncentration alue 2 Qualifier 3 Value 3	0 %	Sample Type GR-GRAB GR-GRAB
Considerations for Form Completion  Principal Executive Officer Last Name: And Mata Vo Data Indicator (MOD)	тие:	Plant Manager Coording Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 2 Value 2 Units Qualifier 2 Value 2 Units Qualifier 2 Value 3 Qualifier 2 Value 3 Qualifier 2 Value 3 Qualifier 2 Value 3 Qualifier 3 Value 3 Qualifier 3 Value 4 Qualifier 3 Value 4 Qualifier 3 Value 5 Qualifier 3 Value 6 Qualifier 3 Value 7 Quali	Telephone:  Concentration alue 2 Quantine 3 Value 3	w and a second	Sample Type GR - GRAB GR - GRAB
First Name: Manuel ast Name: Mata set Name: Mata to Data Indicator (NODI)	Trtie:	Plant Manager Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 2 Value 2 Units Qualifier 2 Value 1 Qualifier 2 Value 3 Qualifier 2 Value 3 Qualifier 2 Value 3 Qualifier 3 Value 3 Qualifier 3 Value 4 Qualifier 3 Value 4 Qualifier 3 Value 5 Qualifier 3 Value 6 Qualifier 3 Value 6 Qualifier 3 Value 7 Qualifier 3 Value 6 Qualifier 3 Value 7 Qualifier 3	Telephone:  Concentration alue 2 Qualifier 3 Value 3	w and a second	sis Sample Type GR - GRAB GR - GRAB
Inst Name: Manuel  ast Name: Mata  No Data Indicator (NODI)	Title:	Plant Manager Loading Qualifier 1 Value 1 Quality or	Telephone: r Concentration r Couling 3 Value 3	w .	sis Sample Type GR - GRAB GR - GRAB
ast Name:  No Data Indicator (NODI)	7	Guality o Guality o	r Concentration		sis Sample Type GR - GRAB GR - GRAB
Vo Data Indicator (NODI)		Coading Qualifier 1 Value 1 Qualifier 2 Va	r Concentration		sis Sample Type GR - GRAB GR - GRAB
Torm NODI:  Parameter Monitoring Location Season # Param, NODI  Ode Name  Tods Torn, total les Fel 1 - Effuent Gross 0 -  Submisssion Mote  Is parameter row does not contain any values for the Sample Type.  All Check Errors  Comments		Quality or Mer 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Va	r Concentration alue 2 Qualiffer 3 Value 3		ils Sample Type GR - GRAB GR - GRAB
Parameter Monitoring Location Season # Param. NODI lode Name 1045 from, total (as Fa) 1 - Efficient Gross 0 — Submission Mote 1 a parameter row does not contain any values for the Sami sample Type. Cdif Check Errors Vo errors.		Quality or Iffer 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Va	r Concentration alue 2 Qualiffer 3 Value 3		ils Sample Type GR - GRAB GR - GRAB
ode Name  lods from, batal [as Fe] 1 - Effluent Gross 0  submission Note a parameter row does not contain any values for the Sami ample Type. dir Check Errors to errors.	Quantity or Loading	iffer 2 Value 2 Units Qualiffer 1 Value 1 Qualiffer 2 Va	alue 2 Qualifler 3 Value 3		GR - GRAB
Ods liver, total [as Fe] 1 - Effluent Gross 0 —  ulamission Note a parameter row does not contain any values for the Sami ample Type. for Check Errors for errors.					GR - GRAB
submission Note a parameter row does not contain any values for the Sami ample Type. discher Errors to errors.	Sample Permit Req. Value NODI		= 0.322 19 - mg/L <= 1 MAXIMUM 19 - mg/L	19 - mg/L 01/90 - Quarterly 19 - mg/L 01/90 - Quarterly	!
a parameter row does not contain any values for the Sami ample Type. dit Check Errors to errors.					
cidir Check Errors to errors. Comments	ple nor Effluent Trading, then no	one of the following fields will be submitted for	that row: Units, Number o	of Excursions, Frequency of Analy	sis, and
lo errors. comments					
Comments					
Attachments					
No attachments.					
Report Last Saved By					
AES PUERTO RICO, LP					
User: pedro.labayen@aes.com		Date/Time:	2017-08-15 09:54 (Time Zone: -04:00)	Time Zone: -04:00)	
Name: Pedro Labayen					
E-Mail: pedro.labayen@aes.com					

Permit #: Major:	PRR053093 No	Permittee: Permittee Address:	AES PUERTO RICO, LP Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility: Facility Location:		AES PUERTO RICO, L.P. ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	۵
Permitted Feature:	002 External Outfall	Discharge:	002-01 Steam Electric Generating Facilities				
Report Dates & Status Monitoring Period: From 04/01 Considerations for Form Completion	From 04/01/17 to 06/30/17 n Completion	DMR Due Date:	08/31/17	Status:	Nett	NetDMR Validated	
Principal Executive Officer First Name: Name:	cer Manuel Mata	Title:	Plant Manager	Telephone:	787-	787-866-8117	
No Data Indicator (NODI) Form NODI:							
ter Vame	Monitoring Location Season # Param. NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Va	lue 2 Units Qualifier 1 Value 1 Qua	Quality or Concentration	Zalue 3 Unite	# of Ex. Frequency of Analysis Sample Type	Sample Type
X 01045 Iron, total [as Fe] 1 - Effluent Gross	-	Sample Permit Req.		= 1.88 <= 1 MAX		L 01/90 - Quarterly L 01/90 - Quarterly	GR - GRAB GR - GRAB
Submission Note							
If a parameter row does n Type.	ot contain any values for the Sample r	nor Effluent Trading, then non	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.	hat row: Units, Num	ber of Excursic	ns, Frequency of Analysis, a	nd Sample
Edit Check Errors							

	Parameter	Monitoring I position	: :	,		
Code	Name	Montoring Location	Lield	lype	Description	Acknowledge
01045	01045 Iron, total [as Fe] 1 - Effluent Gross	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
Comments	ents					
Attachments	ments					
No attachments.	ments					
Report	Report Last Saved By					
AES PL	AES PUERTO RICO, LP					
User:	MANUELMATAAES	TAAES		Date/Time:	2017-08-15 09:56 (Time Zone: -04:00)	
Name:	Manuel Mata	g	•			
	(	•				





ATTENTION: Mr. Héctor Ávila

COMPANY: AES Puerto Rico - Guayama

DATE: September 18, 2017

CONTRACT: AES Puerto Rico - Guayama

LAB. SAMPLE ID: BEL-1703967

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVED: 08/28/17

**MATRIX:** Water

**DESCRIPTION:** Storm Water # 002

**SAMPLE DATE:** 08/27/17

SAMPLE TIME: 7:15AM

LAB. FILE ID:

1703967

PARAMETER	METHOD	SAMPLE TYPE	UNITS	BEL-1703967	MDL	ANALYST	DATE ANALYZED
Iron	200.7(ICAP)	Grab	mg/L	2.51	0.020	BTR	09/13/17

Sample was preserved in the laboratory.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results r

Lcda. Iris M. Chévere Alfonzo

Laboratory Director

Chemist License 2370

A 1640318

Attachment: Chain of Custody Record (1)

Iris M. Chéva

Lic. # 2370

MICO LICENCIAS

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.

REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.

CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING

\*CERTIFICATION NUMBER E87556\*

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PROOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

## CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES PR			SAMPLER AVILA
SAMPLE LOCATION/CLIEN	TID	Storm Water	#	00	TIME 7:15 (AM) CONTROL NO.
SAMPLE DATE		8/27/17			BEL. NO. 1703967 194226
General Environmental:     Acidity	PC	VSS Alkalinity	,	PC	SamplingWitness;
Ammonia as N ( )		Alkalinity ( Bicarbonate (	)		
BOD-5 ( )		Bromide (	)		Relinquished by:
Chloride ( )		Chlorine, Res. (	)		Tello C 26
COD ( )		Color (ADMI) (	)		Date/Time: 8/28/12 10:05 AM
Conductivity µmhos/cm ( )		Color (Pt-Co) (	)		7 -7
Dissolved Oxygen ( )		Cyanide (	)	_	Received by:
Hardness ( )		Fluoride (	)	_	To To
Moisture % ( )		Iodide (	)		Data/Times C. C. D. S. Chi.
Nitrite ( )		Nitrate (	)	-	Date/Time: 8-38-17 10:05a
Oil+Grease ( )		Nitrate + Nitrite (	)		Relinquished by:
Phenol ()		pH, S.U. (	)		
Phosphorus, Total ( )		Phosphate, Ortho (	)		DIE COSTO DISTOR
Sett Solids mg/L ( )		Sett. Solids mL/L (	)		Date/Time: 8-28-17 Zioyan
Sulfate ( )		Solids, Total (	)		Received by:
Sulfite ( ) TDS ( )		Sulfide ( Surfactant (	)	_	$\alpha i$ . $i \alpha i$ .
Temperature, °C ( )		TSS (	)		Nody Cayon.
TOC ( )		TKN (	)		Date/Time: / 8/28/17 2:04/04
Asbestos ( )		Turbidity (	)		Relinquished by:
TVS ( )		Carbonate (	)		
Total Nitrogen ( )			,	***************************************	
2. Metals:					Date/Time:
Aluminum (Al) ( )	-	Cadmium (Cd) (	)		Received by:
Chromium (Cr) ( )	/	Copper (Cu) (	)		1000.100.0j.
Iron (Fe) (\(\frac{1}{2}\)	1,3	Lead (Pb) (	)		D.4./T
Manganese (Mn) ( )		Mercury (Hg) (	)		Date/Time:
Nickel (Ni) ()		Selenium (Se) (	)		No. 4 to
Silver (Ag) ( )		Tin (Sn) (	)	_	Matrix
Zinc (Zn) ( )		Arsenic (As) (	)		air ( ) water (>>) sludge ( )
Barium (Ba) ( ) Antimony (Sb) ( )		Boron (B) ( Beryllium (Be) (	)		liquid ( ) soil ( ) solid ( )
Bismuth (Bi) ( )		Calcium (Ca) (	)	_	
Chromium, VI (CrVI) ( )		Cobalt (Co) (	)	_	oil ( ) mixed ( ) other ( )
Magnesium (Mg) ( )		Molybdenum (Mo) (	)		0 10
Potassium (K) ( )		Silicon (Si) (	)		Specify:
Sodium (Na) ( )		Strontium (Sr) (	)		D
Thallium (Tl) ( )		Titanium (Ti) (	)		Preservative Codes = PC
Vanadium (V) ( )	-	Lithium (Li) (	)		
					1. Cool, < 6° C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes		0			
Ignitability (Flash Pt.)( )		Corrosivity (	)		2 4 -
Reactivity (CN & S) ( )	-	TCLP (			3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )		Organics-Pest/Herb (	)		4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA ( ) TOX ( )	-	Organics-VOA (	)		5. Sodium Thiosulfate 10.Other
Specific Organics		Phenols GC (	)		Sample type legend:
Volatiles ( )		Semi-Volitiles (BNA) (			grab samples x
Pesticides/PCB's ( )		PCB's Only (	)	_	•
Herbicides ( )		TPH 418.1 (	)		composite samples xx
BTEX ( ) TTO & Dioxin ( )		TTO ( TPH 8015 (			Turnaround time: Sampling Equipment:
110 & DIOXIII ( )		Lindane (	)		zarnazouna umo. Sampinig Equipment.
5. Microbiology		Lindane (	,		1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform (	)		
( )			,	_	2 days ( ) Sample Pick Up ( )
_					3 days ( )
Comments:					5 days ( )
•					Note: normal turnaround time is ten (10) working days;
					additional charges apply for rush orders

Original

Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUFRTO RICO I P	
					(00	
Major:	ON	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	0
Permitted Feature:	001 External Outfall	Discharge:	001-01 Steam Electric Generating Facilities			
Report Dates & Status						
Monitoring Period:	From 07/01/17 to 09/30/17	DMR Due Date:	11/30/17	Status:	NetDMR Validated	
Considerations for Form Completion	n Completion					
Principal Executive Officer	cer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	0					
Form NODI:	ı					
	Monitoring Location Season # Param. NODI	Quantity or Loading	ng Quality or	ation	# of Ex. Frequency of Analysis Sample Type	is Sample Type
Code Name			Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	Qualifier 3 Value 3	Units	
01045 iron, total [as Fe] 1 - Effluent Gross	0	Sample Permit Req. Value NOD!	٥	<= 1 MAXIMUM 8 - Other (See Comments)	19 - mg/L 01/90 - Quarterly bs)	GR - GRAB
Submission Note						
II a parameter row upes	lot collitaill ally values for tife Sample	noi Emident Hading, their noile o	Ta parameter ow does not contain any values for the contribution of the following liters will be sublimited to that two. Office, fullisty fulliper of Excusions, frequency of Analysis, and Sample 19pe.	ow. Offits, Nuffiber of Excursi	ions, riequency of Analysis, and Sa	ipie i ype.
Edit Check Errors						
No errors.						
Comments						
Monitoring requirements	Monitoring requirements have been completely fulfilled.					
Attachments						
No attachments.						
Report Last Saved By						
AES PUERTO RICO, LP						
User:	MANUELMATAAES	TAAES				
Name:	Manuel Mata	22				
E-Mail:	manuel.mata@aes.com	@aes.com				
Date/Time:	2018-01-04	2018-01-04 10:16 (Time Zone: -05:00)				
Report Last Signed By						
User:	MANUELMATAAES	TAAES				
Name:	Manuel Mata					
E-Mail:	manuel.mata@aes.com	@aes.com				
i						

Permit

Permitted Feature: 002  Report Dates & Status  Monitoring Period: External Outfall  Report Dates & Status  Monitoring Period: From 07/01/17 to 09/30/17  Considerations for Form Completion  Principal Executive Officer  First Name: Manuel  Last Name: Mata  No Data Indicator (NODI)  Form NODI:	Discharge: DMR Due Date:	Foad #5 km. 142.00058 Ward Guayama, PR 00784 002-01 Steam Electric Generating Facilities 11/30/17	Facility Location:	ROAD #8 KM. 142 JOBOS WARD GUAYAMA, PR 00784	0
form (Office Office VODI)	Discharge: DMR Due Date:	Steam Electric Generating Facilities 11/30/17	Status:	NetDMR Validated	
III (ic	DMR Due Date:	11/30/17	Status:	NetDMR Validated	
ecutive Offic	Title:	Don't Manager			
(NODI)	Title:	Second Marcia			
icator (NODI)		Plant Manager	Telephone:	787-866-8117	
icator (NODI)			•		
Parameter Monitoring Location Season # Param. NODI		Quantity or Loading Qualit	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	Sample Type
Code Name	Qualifier 1 Value 1 Q	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	Value 2 Qualifier 3 Value 3		
X 01045 Iron, total [as Fe] 1 - Effluent Gross 0	Sample Permit Req. Value NODI		= 2.51 19-mg/L <= 1 MAXIMUM 19-mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB
Submission Note					
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row. Units, Number of Excursions, Frequency of Analysis, and Sample Type.	ample nor Effluent Trading, then no	one of the following fields will be submitted for	that row: Units, Number of E	Excursions, Frequency of Analysis, ar	nd Sample
Edit Check Errors					

		Monitoring Location	Pivis	1			
Code	Name	Bolleson Billionion	District	adkı	nescribnon	hound	Ackn
01045 In	on, total [as Fe]	01045 Iron, total [as Fe] 1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	Soft The provided sample value is outside the permit limit. (Error Code: 1)	rmit limit. (Error Code: 1)	
Comments	6						
Attachments No attachments.	nts ts						
Report Las	Report Last Saved By						

pedro.labayen@aes.com
Pedro Labayen
pedro.labayen@aes.com
2017-10-19 17:00 (Time Zone: -04:00) MANUELMATAAES Manuel Mata As Puerro Rico, LP
User.
Name:
E-Mail:
Date/Time:
Report Last Signed By
User: Name: E-Mail: Date/Time:

manuel.mata@aes.com 2017-10-19 17:01 (Time Zone: -04:00)





ATTENTION: Mr. Héctor Ávila

COMPANY: AES Puerto Rico - Guayama

DATE: December 12, 2017

CONTRACT: AES Puerto Rico - Guayama

LAB. SAMPLE ID: BEL-1704795

SAMPLE COLLECTED BY: Pedro Labayen (Client)

DATE RECEIVED: 11/13/17

MATRIX: Water

**DESCRIPTION: Storm Water 002** 

SAMPLE DATE: 11/13/17 SAMPLE TIME: 8:30AM

LAB. FILE ID: 1704705

				EAD. I ILL ID.	1704795		
PARAMETER	METHOD	SAMPLE TYPE	UNITS	BEL-1704795 RESULT	MDL	ANALYST	DATE ANALYZED
Iron	200.7(ICAP)	Grab	ma/L	0.063	0.020	BTR	12/01/17

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo

Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Record (1)

A 1647828

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.

REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.

CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING

\*CERTIFICATION NUMBER E87556\*

CERTIFIED BY THE PUERTO RICO DEPARTMENT OF HEALTH (PRDOH) EPA CODE #PR00012 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

## CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN		19m9	SAMPLER Lebayen
SAMPLE LOCATION/CLIEN	TID	Storm water	- 00	TIME 8:30 MM CONTROL NO.
SAMPLE DATE		11/13/	1201	D BEL. NO. 1734745 190638
General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ( )		Alkalinity ( )		Date/Time:
Ammonia as N ( )		Bicarbonate ( )		6
BOD-5 ( )		Bromide ( )		Relinquished by:
Chloride ( )	_	Chlorine, Res. ( )		Salo (Voc
COD ()		Color (ADMI) ( )	_	Date/Time: /3/11/17 /1,28 am
Conductivity µmhos/cm ( )	_	Color (Pt-Co) ( )		
Dissolved Oxygen ( )	-	Cyanide ( )	_	Received by:
Hardness ( )	-	Fluoride ( )		0246 1 011
Moisture % ( )		Iodide ( )	-	14
Nitrite ( )		Nitrate ( )		Date/Time: ///3/5617 //28 Am
Oil+Grease ( )		Nitrate + Nitrite ( )	-	Relinquished by
Phenol ( )		pH, S.U.		Remiquished by:
Phosphorus, Total ( )		Phosphate, Ortho ( )		atte help
Sett Solids mg/L ( )		Sett. Solids mL/L ( )		Date/Time: ((/(3))) 4;2684
Sulfate ( )		Solids, Total ( )		
Sulfite ( )		Sulfide ( )	-	Received by:
TDS ( )		Surfactant ( )	_	$(\mathcal{U}_{-})$
Temperature, °C ( )		TSS ()		- 11/21
TOC ()		TKN ()		Date/Time: 11/13/17 4-24 pm
Asbestos ( )	*******	Turbidity ( )		Relinquished by:
TVS ( )		Carbonate ( )		Remiquished by.
Total Nitrogen ( )		Carbonate ()		
2. Metals:				Date/Time:
Aluminum (Al) ( )		Cadmium (Cd) ( )		
Chromium (Cr) ( )		Copper (Cu) ( )		Received by:
Iron (Fe) (V)	13	Lead (Pb) ( )		
Manganese (Mn) ( )	1	, , , ,		Date/Time:
Nickel (Ni) ()	-			Date/Time
Silver (Ag) ( )		Selenium (Se) ( ) Tin (Sn) ( )	**********	Matri
Zinc $(Zn)$ ()		( , , , ,		Matrix
Barium (Ba) ()	-	, , , ,		air ( ) water (🛩 sludge ( )
Antimony (Sb) ( )	-	(-) ( )		( )
Bismuth (Bi) ( )		Beryllium (Be) ( ) Calcium (Ca) ( )	-	liquid ( ) soil ( ) solid ( )
Chromium, VI (CrVI) ( )		(, ( ,		oil ( ) mixed ( ) other ( )
		Cobalt (Co) ( )		
		Molybdenum (Mo) ( )	_	Specify:
`.' ` '	-	Silicon (Si) ( )		~p****,
		Strontium (Sr) ( )		Preservative Codes = PC
Thallium (Tl) ( )		Titanium (Ti) ( )		1 lesel valive Codes – FC
Vanadium (V) ( )		Lithium (Li) ( )		
3. RCRA/Hazardous wastes				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
		Correction		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Ignitability (Flash Pt.)( ) Reactivity (CN & S) ( )		Corrosivity ( )		
		TCLP ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
,		Organics-Pest/Herb ( )		4. Hydrochloric acid (HCl) 9. FAS
_ ` '		Organics-VOA ( )	_	
TOX ( )				5. Sodium Thiosulfate 10.Other
A Specific Organica		Phonolo GC		
4. Specific Organics Volatiles ( )		Phenols GC ( )		Sample type legend:
_ ,,,, 1 1		Semi-Volitiles (BNA) ( )		grab samples x
		PCB's Only ( ) TPH 418.1 ( )	_	1
, ,				composite samples xx
` '			-	Turnaround time: Sampling Equipment:
TTO & Dioxin ( )	-	TPH 8015 ( )		rarnaround time. Sampling Equipment:
5 Microbiology		Lindane ( )		1 day ( ) Automatic Co. 1 ( )
5. Microbiology Fecal Coliform ( )		Total Coliform ( )		1 day ( ) Automatic Sampler ( ) 2 days ( ) Sample Pick Up ( )
Comments:				3 days ( )
Comments:				5 days ( )
				• • •
				Note: normal turnaround time is ten (10) working days;
			Orig	additional charges apply for rush orders.
			~110	1111941

Original

Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	ON.	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	0
Permitted Feature:	001 External Outfall	Discharge:	001-01 Steam Electric Generating Facilities			
Report Dates & Status						
Monitoring Period:	From 10/01/17 to 12/31/17	DMR Due Date:	02/28/18	Status:	NetDMR Validated	
Considerations for Form Completion	n Completion			-		
Principal Executive Officer	cer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	0					
Form NODI:	1					
Parameter Monitoring	oring Location Season # Param. NODI	Quantity or Loading	ading Quality	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	ils Sample Type
Code Name		Qualifier 1 Value 1 Qualifity	Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	2 Qualifier 3 Value 3	Units	
01045 Iron, total [as Fe] 1 - Effluent Gross	0	Sample Permit Req. Value NODI		MAXIN	-	GR - GRAB
Submission Note						
If a parameter row does n	ot contain any values for the Sample	nor Effluent Trading, then non-	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.	t row: Units, Number of Excursic	ons, Frequency of Analysis, and Sa	nple Type.
Edit Check Errors						
No errors.						
Comments						
Monitoring requirements h	Monitoring requirements have been completely fulfilled.					
Attachments						
No attachments.						
Report Last Saved By						
AES PUERTO RICO, LP						
User:	MANUELMATAAES	TAAES				
Name:	Manuel Mata	ā				
E-Mail:	manuel.mata@aes.com	@aes.com				
Date/Time:	2018-01-04	2018-01-04 10:20 (Time Zone: -05:00)				
Report Last Signed By						
User:	MANUELMATAAES	TAAES				
Name:	Manuel Mata	<u></u>				
E-Mail:	manuel.mata@aes.com	@aes.com				
Date/Time:	2018-01-04	2018-01-04 10:21 (Time Zone: -05:00)				

Permit #: Major: Permitted Feature:	PRR053093	Permittee:	AES PUERTO RICO. LP	Feeilla	0 . 0000	
Major: Permitted Feature:				raciiity.	AES PUERTO RICO, L.P.	
Permitted Feature:	° N	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	RD
	002 External Outfall	Discharge:	002-01 Steam Electric Generating Facilities			
Report Dates & Status	60					
Monitoring Period:	From 10/01/17 to 12/31/17	DMR Due Date:	02/28/18	Status:	NetDMR Validated	
Considerations for Form Completion	orm Completion					
Principal Executive Officer	Micer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	úac					
Form NODI:	1					
Parameter Mo	Monitoring Location Season # Param. NODI		Quantity or Loading Qual	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	is Sample Typ
Code Name			Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	2 Value 2 Qualifier 3 Value 3		
01045 iron, total [as Fe] 1 - Effluent Gross	Effluent Gross 0	Sample Permit Req. Value NODI		= 0.063 19 - mg/L <= 1 MAXIMUM 19 - mg/L	19 - mg/L 01/90 - Quarterly 19 - mg/L 01/90 - Quarterly	GR - GRAB
Submission Note						
If a parameter row doe: Sample Type.	s not contain any values for the Sam	ple nor Effluent Trading, then	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.	for that row: Units, Number of	of Excursions, Frequency of Analy	is, and
Edit Check Errors						
No errors.						
Comments						
Attachments						
No attachments.						
Report Last Saved By						
AES PUERTO RICO, LP	4					
User:	MANUELMATAAES	TAAES				
Name:	Manuel Mata	ıta				
E-Mail:	manuel.mata@aes.com	@aes.com				
Date/Time:	2018-01-04	2018-01-04 10:08 (Time Zone: -05:00)				
Report Last Signed By	A					
User:	MANUELMATAAES	TAAES				
Name:	Manuel Mata	ıta				
E-Mail:	manuel.mata@aes.com	@aes.com				

Permit						
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	S S
Permitted Feature:	003 External Outfall	Discharge:	003-01 Steam Electric Generating Facilities			
Report Dates & Status						
Monitoring Period:	From 10/01/17 to 12/31/17	DMR Due Date:	02/28/18	Status:	NetDMR Validated	
Considerations for Form Completion	m Completion					
Principal Executive Officer	icer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator (NODI)	00					
Form NODI:						
	Monitoring Location Season # Param. NODI	Quantity or Loading	Iding Quality	Quality or Concentration	# of Ex. Frequency of Analysis Sample Type	ysis Sample Type
Code Name			Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3	2 Qualifier 3 Value 3	Units	
01045 Iron, total [as Fe] 1 - Effluent Gross	0	Sample Permit Req. Value NODI		<= 1 MAXIMUM 8 - Other (See Comments)	19 - mg/L 01/90 - Quarterly is)	GR - GRAB
Submission Note						
f a parameter row does	not contain any values for the Samp	ole nor Effluent Trading, then none	If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.	t row: Units, Number of Excursi	ions, Frequency of Analysis, and S	imple Type.
Edit Check Errors						
No errors.						
Comments						
Monitoring requirements	Monitoring requirements have been completely fulfilled.					
Attachments						
No attachments.						
Report Last Saved By						
AES PUERTO RICO, LP						
User:	MANUELMATAAES	IATAAES				
Name:	Manuel Mata	Aata				
E-Mail:	manuel.ma	manuel.mata@aes.com				
Date/Time:	2018-01-04	2018-01-04 10:21 (Time Zone: -05:00)				
Report Last Signed By						
User:	MANUELMATAAES	IATAAES				
Name:	Manuel Mata	Aata				
E-Mail:	manuel.ma	manuel.mata@aes.com				
Date/Time:	2018-01-04	2018-01-04 10:21 (Time Zone: -05:00)				





ATTENTION: Mr. Héctor Ávila

COMPANY: AES Puerto Rico - Guavama

DATE: May 17, 2018

CONTRACT: AES Puerto Rico - Guayama

LAB. SAMPLE ID: BEL-1801551

SAMPLE COLLECTED BY: Pedro Labayen (Client)

DATE RECEIVED: 04/26/18

MATRIX: Water

**DESCRIPTION:** Outfall 002

**SAMPLE DATE: 04/26/18** 

SAMPLE TIME: 5:45PM

LAB. FILE ID:

1801551

PARAMETER	METHOD	SAMPLE TYPE	UNITS	BEL-1801551 RESULTS	MDL	ANALYST	DATE ANALYZED
Iron	EPA 200.7	Grab	mg/L	0.593	0.020	BTR	05/11/18

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related on to the sample submitted.

Lcda. Iris M. Chévere Alfoi

Laboratory Director Chemist License 2370

Attachment: Chain of Custody Red

Iris M. Chévere

Alfonzo Lic. # 2370

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THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556

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